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SECOND EDITION

RAYMOND A. PAYNTER, JR.

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ORNITHOLOGICAL GAZETTEERS OF THE NEOTROPICS

- Ornithological Gazetteer of **Argentina**, *second edition*, Raymond A. Paynter, Jr., 1995. x + 1,045 pp., 2 maps.
- Ornithological Gazetteer of **Bolivia**, *second edition*, Raymond A. Paynter, Jr., 1992. vi + 185 pp., 2 maps.
- Ornithological Gazetteer of **Brazil**, Raymond A. Paynter, Jr., and Melvin A. Traylor, Jr., 1991. viii + 789 pp. (2 vols.), 2 maps.
- Ornithological Gazetteer of **Chile**, Raymond A. Paynter, Jr., 1988. v + 331 pp., 2 maps.
- Ornithological Gazetteer of **Colombia**, *second edition*, Raymond A. Paynter, Jr., 1997. ix + 537 pp., 2 maps.
- Ornithological Gazetteer of **Ecuador**, *second edition*, Raymond A. Paynter, Jr., 1993. ix + 247 pp., 2 maps.
- Ornithological Gazetteer of the **Guianas**, Lorain Stephens and Melvin A. Traylor, Jr., 1985. v + 123 pp., 2 maps.
- Ornithological Gazetteer of **Paraguay**, *second edition*, Raymond A. Paynter, Jr., 1989. iv + 61 pp., 2 maps.
- Ornithological Gazetteer of **Peru**, Lorain Stephens and Melvin A. Traylor, Jr., 1983. vi + 273 pp., 2 maps.
- Ornithological Gazetteer of **Uruguay**, *second edition*, Raymond A. Paynter, Jr., 1994. vi + 111 pp., 2 maps.
- Ornithological Gazetteer of **Venezuela**, Raymond A. Paynter, Jr., 1982. iii + 245 pp., 2 maps.

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INTRODUCTION TO SECOND EDITION

It has been 16 years since the appearance of the first edition of this gazetteer. The present volume is nearly double the size of the earlier one. A small part of this growth is attributable to the addition of localities through the work of contemporary ornithologists. Most of the growth, however, is the result of the availability of more information about previously known locations, thanks to the advent of the computer. In the earlier work information was obtained from published sources, from the first-hand examination of specimens within the Field Museum and the Museum of Comparative Zoology, from field catalogs of M. A. Carriker, Jr. archived in the United States National Museum, and from a few specimens in other museums that had been examined in connection with other research. Sources of information have greatly expanded now that computer printouts for Colombian specimens have been made available by the Academy of Natural Sciences, the Carnegie Museum, the Cornell Ornithology Collection, the Natural History Museum of Los Angeles, the Museum of Natural Science, Louisiana State University, the Museum of Vertebrate Zoology, University of California, the University of Michigan Museum of Zoology, the Western Foundation for Vertebrate Zoology, and the Peabody Museum, Yale University.

In addition to this newly-available mine of information, we now have Hilty and Brown's superb *A Guide to the Birds of Colombia* (1986), which has greatly expanded our knowledge of the distribution of the avifauna through the inclusion of data obtained during their own field work, and from unpublished records of their colleagues. Because of the nature of this guide, dates and localities are frequently abbreviated (e.g., "4 Mar, Meta (Brown)" or "...10 Apr, upper Anchicayá Val, (Hilty)"). As a consequence, information obtained from this source is often less precise than one might need for the gazetteer.

The ease with which data within the computer may now be manipulated, compared, and dissected has aided in the identification of some sites and has also revealed some interesting facts about earlier collectors. For example, the accuracies of the dates in Serna's major paper (1980) are questionable, since it seems an unlikely coincidence, especially at infrequently visited sites, that collections were so often made at a given locality on the same date in different months (e. g., 24 April and 24 June) or on the same month and day but in different years. Some of the difficulties appear the result of Serna's confusion in transliterating months from Arabic numerals to the Roman numerals he employed in this work.

A further example of the revelations exposed by the computer is evident in the material collected by Marinkelle. It is now obvious that his records bear scrutiny, as he appears to have been at distant points, sometimes on opposite sides of the Andes, at about the same time or even on the same dates (e. g., Finca Santa Bárbara vrs. Villavicencio); perhaps he purchased specimens and substituted his name for that of the collector, a custom that has been noted for some early collectors, particularly in Ecuador. How widespread this custom was is now becoming evident as computer databases have grown and it is easier to search for congruent dates on specimens from distant localities. W. W. Brown, who has been considered to epitomize the accurate and careful collector, has some overlapping dates at Puerto Viejo, Páramo de Chirigua, Cheru, La Concepción, etc. On the other hand, von Sneider, a prolific collector, has long been known to have been careless in labeling material but how careless he was has not been appreciated heretofore. For instance, his identification of a single locality, as ascertained by collecting dates, may take many forms (e. g., Alto de Buey; Alto de Buey, Pacific side; Alto de Buey, Bado side; Alto de Buey, Río Baudo, Alto de Buey, Río Jurubuda, etc.). Furthermore, he frequently and inconsistently appended "El Tambo," the name of his finca, to localities that are distant from his home base at El Tambo (e. g., San Antonio, El Tambo; Río Munchique, El Tambo; La Costa, El Tambo, or even El Tambo, La Costa). There are instances when the same collecting date is given to specimens

bearing either the single or the double names for the collection site, leading to the conclusion that El Tambo is *not* the locality of origin. In other instances the labelling is even more ambiguous, resulting in the recording herein of identical collection dates at widely separated places.

A change should be noted in the treatment of the comprehensive bibliography. The previous bibliography contained every known publication concerned with the Colombian avifauna, plus collateral citations that provided information not found elsewhere (e. g., a specific date or the name of a collector) but whose primary focus was not Colombian. These are now omitted from the bibliography but given in full within the text. In other words, the bibliography lists all publications on Colombian birds, without superfluous material.

The following abbreviations and acronyms have been used:

AMNH:	American Museum of Natural History (data from specimens therein).
ANSP:	Academy of Natural Sciences, Philadelphia (data from specimens therein).
Atlas, 1977:	Atlas de Colombia, 3rd edition, 1977, Instituto Geográfico "Agustín Codazzi," Bogotá.
Atlas, 1992:	Atlas de Colombia, 4th edition, 1992, Instituto Geográfico "Agustín Codazzi," Bogotá.
CM:	Carnegie Museum (data from specimens therein).
CU:	Cornell Ornithology Collection (data from specimens therein).
Dicc. Geog.:	Diccionario Geográfico de Colombia en CD-ROM, 1996, Instituto Geográfico "Agustín Codazzi," Bogotá.
FMNH:	Field Museum of Natural History (data from specimens therein).
IGAC [Antioquia]:	Map of Departamento de Antioquia (1:500,000), 1973, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Arauca]:	Map of Intendencia de Arauca (1:250,000), 1974, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Bogotá]:	Map of La Sabana de Bogotá (1:50,000), 1974, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Boyacá]:	Map of Departamento de Boyacá (1:400,000), 1976, Instituto Geográfico "Agustín Codazzi," Bogotá.

IGAC [Caldas]:	Map of Departamento de Caldas (1:250,000), 1976. Instituto Geográfico "Agustín Coazzi," Bogotá.
IGAC [Casanare]:	Map of Intendencia de Casanare (1,500,000), 1975, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Cauca]:	Map of Departamento de Cauca (1:400,000), 1989, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Cesar]:	Map of Departamento de Cesar (1:400,000), 1976, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Mag.]:	Map of Departamento del Magdalena (1:250,000), 1975, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [N. de Santander]:	Map of Departamento de Norte de Santander (1:250,000), 1974, Instituto Geográfico "Agustín Codazzi," Bogotá.
IGAC [Sucre]:	Map of Departamento de Sucre (1:250,000), 1975, Instituto Geográfico "Agustín Codazzi," Bogotá.
INDERENA:	Insituto Nacional de los Recursos Naturales y del Ambiente.
LACMNH:	Natural History Museum of Los Angeles; formerly part of Los Angeles County Museum and collections were catalogued as "LACM" (data from specimens therein).
LSU:	Louisiana State University, Museum of Natural Science (data from specimens therein).
Mapa, 1976:	Republica de Colombia (1:500,000), 1976, Instituto Geográfico "Agustín Codazzi," Bogotá.
Mapa, Valle, 1973:	Mapa del Valle del Cauca (1:250,000), 1973, Secretaría de Obras Publicas del Departamento.
MCZ:	Museum of Comparative Zoology (data from specimens therein).
MHA:	Map of Hispanic America ("Millionth Map"), 1927-1945, American Geographical Society, New York (reference to one of the ten sheets covering Colombia).
MHNC:	Museo de Historia Natural de Cauca (data from specimens therein).

MVZ:	Museum of Vertebrate Zoology, University of California, Berkeley (data from specimens therein).
RDB:	<i>Threatened Birds of the Americas. The ICBP/IUCN Red Data Book</i> , 3rd edition, part 2. N. J. Collar, et al., ICBP, Cambridge, U. K.
SAO:	Sociedad Antioqueña de Ornitología (data from their database).
UMMZ:	University of Michigan Museum of Zoology (data from specimens therein).
UNC:	Universidad Nacional de Colombia (data from specimens therein).
USBGN:	United States Board on Geographic Names, Dept. of the Interior, Washington, D. C. (refers to NIS Gazetteer: Colombia, 1965, or to The Americas, Gazetteer Supplement, 1971).
USNM:	United States National Museum (data from specimens therein and from field catalogues of M. A. Carriker, Jr., 1940-1952).
WCMC:	World Conservation Monitor Centre (geographical coordinates for protected areas).
WFVZ	Western Foundation for Vertebrate Zoology (data from specimens therein).
YPM:	Peabody Museum, Yale University (data from specimens therein).

It has been my good fortune to have had the generous cooperation of a number of people. Foremost has been Walter Weber of Medellín who has encouraged me and provided maps and other publications I could not otherwise have gotten. Others who have helped in various ways are D. Agro, H. Alvarez-López, K. Awbrey, C. Cicero, C. M. Dardia, K. L. Garrett, O. Hahs, J. Hinshaw, J. C. Fisher, D. F. Lane, L. G. Naranjo, A. J. Negret, M. Robbins, K.-L. Schuchmann, F. C. Sibley, F. G. Stiles, J.-M. Thiollay, D. C. Wege, and M. P. Valásquez-Sandino. And finally, Alison Pirie continues in her important role as my primary target for difficult questions and the unearther of obscure publications. Many thanks.

Raymond A. Paynter, Jr.

28 February 1997

INTRODUCTION TO FIRST EDITION

This gazetteer does not differ materially in style or content from earlier volumes in this series. The number of entries, however, is considerably larger, and we have had to resist the temptation to speed the completion of the project by incompletely documenting every visit by a collector to a given site. As we prepare for publication of an atlas for neotropical birds, it is clear that this will be feasible only through the use of a computer and that, in turn, this will be possible only if we include in the data bank any and all of the information concerning a locality that is likely to be found in the literature or on specimen labels. In other words, an increased investment of time and effort in the gazetteer now will be vastly more than repaid by the ease and speed with which data may be retrieved and manipulated later by the computer.

The bibliography at the end of this gazetteer, with about 500 references, is believed to contain every publication devoted exclusively to Colombian birds, plus a few which refer to Colombian localities not mentioned elsewhere. Some of these publications have appeared in little-known or non-biological journals, but through the generous assistance of several Colombian friends, we have been able to examine all but one of these papers.

We have generally employed the conventions adopted in the earlier gazetteers, such as referring to the readily accessible Map of Hispanic America ("Millionth Map") whenever possible and to less well-known maps only when necessary. Again we have followed the United States Board on Geographic Names for the mode of citation and spelling of localities. The reader, however, should be alert to one problem that is particularly troublesome in this volume, viz, the fact that the boundaries of Colombia's political subdivisions have been shifted or split a number of times, resulting in a given site appearing in the ornithological literature under two or even three political divisions. We have tried to place each locality under its current political entity and also to cross-reference it to its former subdivision. We know that we have been less successful with the latter than with the former.

Unless followed by an "S", all latitudes are north of the Equator.

For help in obtaining publications and maps we are grateful to C. E. Benalcazar, G. W. Cottrell, S. L. Hilty, F. Köster, F. Medem, H. Romero Z., and W. E. Southern. S. L. Olson, of the U. S. National Museum, kindly allowed us to borrow M. A. Carriker's field catalogues for 1940-1952, enabling us to add refinements to the present list that would not have been possible from published data alone.

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YPM:	Peabody Museum, Yale University (data from specimens therein).

We owe very special thanks to Blair Winter and Lorain Stephens for their countless hours of volunteer labor researching localities at Field Museum.

Once again we make public our appreciation of the services of Alison Pirie in taking many thousands of file cards and turning them into a usable gazetteer.

Raymond A. Paynter, Jr.

Melvin A. Traylor, Jr.

1 August 1980

ABEJAS, VALLE DE LAS; see Las Abejas, Valle de.

ABIBE, SERRANÍA DE; Córdoba/Antioquia 0750/7630 (USBGN)
1,500 m, 100 km northern extension of Western Andes along which runs a portion of the Córdoba/Antioquia border (MHA); Willis, up to 1,000 m on eastern side, W of Río Verde del Sinú [0751/7618 (USBGN)], 25-26 Mar. 1965 (Willis, 1988:139).

ÁBREGO; Norte de Santander 0805/7313 (USBGN)
1,404 m, on western side of northern Eastern Andes, but on eastern watershed of Sierra de Ocaña [0830/7330 (USBGN)], near head of valley of Río Algodonal [0814/7319 (USBGN)], a tributary of Río Catatumbo [0921/7145 (USBGN)], 23 km SE of Ocaña [0815/7320 (USBGN)] (MHA, as "La Cruz"); in large savanna, Wyatt, Jan. 1870 (Wyatt, 1871:map, 120, 330, 373, 382, as "La Cruz").

ACACÍAS; Boyacá (Nicéforo & Olivares, 1965:43); see Acacías; Meta.

ACACÍAS; Meta 0359/7346 (USBGN)
517 m, 25 km SW of Villavicencio [0409/7337 (USBGN)], on lowermost eastern slopes of central Eastern Andes (MHA); Nicéforo, year ?, and 26 July 1945 (Nicéforo, 1945:385; 1947:354); Nicéforo, 3 July 1944 (Serna, 1980:70); collector ? [Nicéforo ?] June, 1946 (Renjifo, 1950:540); Cabrera, date ? (Borrero, 1955:3) Nicéforo, 10, 28 Feb. 1950 (Olivares, 1974a:77; Iafrancesco, et al., 1985:57; 1989:141); collector ?, 1967 (WVZ); Idinael, between Acacías and Villavicencio at 500 m, Jan. 1944 (Nicéforo, 1948:206); collector ?, Km 15 on Villavicencio/Acacías road, date ? (Borrero, 1960a:487); Nicéforo & Olivares, 1965:43, as "Acacías, Boyacá"; also see Las Blancas, Meta.

ACACÍAS, COLONIA DE (Iafrancesco, et al., 1989:141); see Las Blancas

ACANDÍ; Chocó 0832/7714 (USBGN)
Sea level, port on western side of Golfo de Urabá [0825/7653 (USBGN)], ca. 18 km from Panama border (MHA, as "Acanti"); Carriker, 19-24, 26-? Dec. 1949, 2-7, 9-14, 16-21 Jan. 1950 (USNM); Carriker, Jan. 1951 [1950?] (Carriker, 1954:16); Haffer, in forested hills and cleared lowlands, Mar. 1959 (Haffer, 1959:4; 1975:73).

ACANTI (MHA); see Acandí.

ACEVEDO; Huila 0149/7552 (USBGN)
1,200 m, near headwaters in valley of Río Suaza [0210/7541 (USBGN)],

which connects with upper Magdalena Valley, on western slope of southern Eastern Andes, 22 km ESE of Pitalito [0151/7602 (USBGN)] (MHA); Herschkovitz, June 1951 (FMNH).

ACHIOTE (MVZ); see El Achioté.

ADUREIMEINA (Simons, in Todd & Carriker, 1922:25); see Duriameina.

ADURIAMEINA (Todd & Carriker, 1922:107); see Duriameina.

ÁFRICA, LA; see La África.

AFRICANA, LA; see La Africana.

AGREDADOS DEL NORTE (Cuadros, 1993b:29); see Girardota.

AGUABLANCA; Norte de Santander 0803/7229 (USBGN)
ca. 150 m, railway station, 19 km N of Cúcuta [0754/7231 (USBGN)], near Venezuelan border, at eastern base of northern Eastern Andes (MHA); Nicéforo, 2, 22 June, 1 July, 30 Oct. 1944, 1 July 1948, 13 Apr. 1955 (Nicéforo, 1945:385, 389; Serna, 1980:62; Iafrancesco, et al., 1985:53; 1987:75, 121; 1989:145; ANSP); railway and Aguablanca not shown on recent maps (e.g., Atlas, 1977; IGAC [Norte de Santander]).

AGUABONITA; Cundinamarca (MCZ); see Aguabonita, Quebrada.

AGUA BONITA; Huila ca. 0225/7610
Alt. ?; on eastern side of Central Andes in municipio of La Plata [0225/7610 (USBGN)], southwestern Huila (Dicc. Geog.); von Sneidern, 30 Feb. 1945 (YPM).

AGUABONITA, QUEBRADA; Cundinamarca ca. 0430/7420
In south-central Cundinamarca, in municipio of Silvania [0430/7420 (USBGN)], an affluent of Quebrada Victoria [0836/7239 (USBGN)] (Dicc. Geog.); Borrero, date ? (MCZ, as "Aguabonita"); collector ?, date ? (Nicéforo & Olivares, 1967:414, as "Aguabonita"); Bernal, 5 Aug. 1960 (ANSP, as "Aguabonita").

AGUACALIENTE (Dicc. Geog.); see Finca Aguacaliente.

AGUACATAL, RÍO; Huila 0216/7601 (USBGN)
Tributary of uppermost Río de la Plata [0226/7553 (USBGN)], rising on northeastern slope of Volcán Puracé [0221/7623 (USBGN)] and entering

the la Plata a short distance above Río Moscopán [0217/7559 (USBGN)], southern Huila (MHA); Lehmann, at 2,000 m, 5 Aug. 1958 (MVZ, as "Río San José or Río Aguacate").

AGUACATE, BAHÍA DE (de Schauensee, 1952a:1126); see Octavia, Bahía.

AGUACATE, RÍO (MHA); see Aguacatal, Río.

AGUACHICA; Cesar 0819/7338 (USBGN)
162 m, on right side of middle Magdalena Valley, 16 km E of Gamarra [0820/7345 (USBGN)] and river (MHA); Wyatt, Jan. 1870 (Wyatt, 1871:324, 378, 383); Klages and Carriker, July 1916 (FMNH); Carriker, 25 June, 17-25 July 1916 (CU, as "Aguachica, Magdalena"; UMMZ, as "Aguachica, Magdalena"; CM; ANSP, as "Aguachica, Magdalena"); Romero, in Municipio de Aguachica [0820/7335 (USBGN)] but S of town of Aguachica at Ciénaga de Pita [0755/7340 (USBGN)], Quebrada la Rayita [0756/7340 (USBGN)], etc., which see (Olivares & Romero, 1973:44ff); Parkes, 1959:200, as "Aguachica, Magdalena."

AGUACHICA; Magdalena (Parkes, 1959:200); see Aguachica, Cesar.

AGUA CLARA; Norte de Santander (1) ca. 0721/7237
2,450 m, ca. 5 km SE of Pamplona [0723/7239 (USBGN)], below Páramo Fontibón [0721/7239 (USBGN)], on eastern slope of northern Eastern Andes, Nicéforo, 5 June 1948, 30 Apr. 1949, 1950, 18 Aug. 1955 and date ? (Nicéforo, 1967:3, 6, as "Quebrada de Aguacalara" and "Aguacalara"; de Schauensee, 1952a:1126; Iafrancesco, et al., 1986:56-57, 61); see, also, the other Agua Clara [0814/7226 (USBGN)] in Norte de Santander.

AGUA CLARA; Norte de Santander (2) 0814/7226 (USBGN)
ca. 100 m, at eastern base of extension of Northern Andes, close to Venezuela border, 40 km NNE of Cucúta [0754/7231 (USBGN)] (MHA); (IGAC [N. de Santander], as "Aguacalara"); Nicéforo, 10 May 1944 (Nicéforo, 1947:339, as "Aguas Claras" and "19 km N" of Cucúta); for an additional Nicéforo collecting site with this name in Norte de Santander, see Agua Clara [ca. 0721/7237].

AGUACLARA; Valle del Cauca 0342/7657 (USBGN)
ca. 100 m (Atlas, 1977); on western slope of Western Andes, on right bank of Río Anchicayá [0346/7710 (USBGN)], at mouth of Río Aguacalara [ca. 0342/7657 (Mapa, Valle, 1973)] and at Km 101 on road to Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); Lehmann, at mouth of Río Aguacalara [ca. 0342/7657 (Mapa, Valle, 1973)], 1947 and ca. 1957

(Lehmann, 1957:127); Sibley, 13 June 1956 (CU, as "Aguas Claras"); Hilty, nearby, various times, June-Aug. 1975 (Hilty, 1977:44ff); collector ?, date ? (Cantillo, 1983:72).

AGUACLARA, QUEBRADA DE (Nicéforo, 1967:3); see Agua Clara, Norte de Santander (1).

AGUACLARA, RÍO; Valle del Cauca ca. 0342/7657 (Mapa, Valle, 1973)
Small affluent on right bank of Río Anchicayá [0346/7710 (USBGN)] with mouth at village of Aguacalara [0342/7657 (USBGN)], at Km 101 on the Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road (Mapa, Valle, 1973); Lehmann, at mouth, at 100 m, 1947 and ca. 1957 (Lehmann, 1957:127) and at 100 m, presumably also at mouth, 3 June 1957 (MVZ).

AGUADA (CU); see La Aguadita.

AGUADA DE PABLO; Atlántico 1031/7501 (USBGN)
ca. 15 m, on eastern shore of Ciénaga de Guájaro [1034/7502 (USBGN)], 4 km NNE of Punta Polonia [1029/7502 (USBGN)] and 7 km SSE of La Peña [1035/7502 (USBGN)], southern Atlántico (MHA); Dugand and Giacometto, S of town toward Punta Polonia, 1-4 Feb. 1936 (Dugand, 1945b:397; 1947c:529, 535, 577).

AGUA DE LIMÓN, CAÑO; Arauca ca. 0700/7120 (IGAC [Arauca])
A major right-bank tributary of upper Río Arauca [0724/6635 (USBGN)] in northern central Arauca (IGAC [Arauca], as "Caño Agua Limón"); Borrero and Cruz, date ? (Borrero & Cruz, 1983:54, as "Caño Agua Limón"); Stiles, ca. 1989-1992 (Stiles, 1995a:121, as "Caño Limón"); identification uncertain; could be the Caño Agua de Limón [0635/7010 (USBGN)] in western Arauca.

AGUADITA (Chapman, 1917:25); see La Aguadita.

AGUADITA, LA; see La Aguadita.

AGUADULCE; Cundinamarca ca. 0433/7358
ca. 3,000 m, below Páramo Choachí [0433/7358 (USBGN)], collector ?, ca. 1916 (Apolinar, 1916:60); not shown on our maps, but must now be a southeastern suburb of Bogotá [0436/7405 (USBGN)].

AGUA DULCE; Magdalena (Todd & Carriker, 1922:107); see Aguadulce, Magdalena.

AGUADULCE; Magdalena ca. 1106/7407
2,500-3,000 ft [750-900 m], on northwestern Sierra Nevada de Santa Marta [1050/7340 (USBGN)], ca. 2 mi [3 km] S of Minca [1109/7407 (USBGN)], plantation in rugged western foothills in upper tropical zone, region heavily forested until early in century, Carriker, 16 Aug. 1911, 17 June 1913 (Todd & Carriker, 1922:107-108, as "Agua Dulce"); Smith, 12, 26 Apr. 1898 or 1899 (Allen, 1900a:130ff).

AGUA DULCE; Veragua (Boucard, 1892:73); now in Panama.

AGUA LIMÓN, CAÑO (Borrero & Cruz, 1983:54); see Agua de Limón, Caño.

AGUAMIEL, RÍO; Santander 0612/7347 (USBGN)
Short tributary of Río Horta [0611/7406 (USBGN)] rising on western slope of north-central Eastern Andes, N of Vélez [0601/7341 (USBGN)] (MHA); collector ? [Nicéforo ?], at Landázuri [0614/7349 (USBGN)], date ? [July ? 1939] (Nicéforo & Olivares, 1966:375).

AGUA NEGRA, QUEBRADA; Caquetá ca. 0043/7517
Not on our maps but described as being in southern western Caquetá, 5 km W of Tres Esquinas [0043/7516 (USBGN)], which is 116 km SSE of Florencia [0136/7536 (USBGN)], collector ?, date ? (Olivares, 1967:46).

AGUA PRIETA; Valle del Cauca ca. 0445/7557
930 m, marsh of ca. 8 ha, 6 km W of Cartago [0445/7555 (USBGN)], on eastern side of middle of the valley of the Río Cauca [0854/7428 (USBGN)], Naranjo, 10 Apr.-28 July 1988 (Naranjo, 1995:90); not indicated on our maps.

AGUAS BLANCAS; La Guajira ca. 1105/7240
In southern central Península de la Guajira [1200/7130 (USBGN)], ca. 5 km NW of Roche [1105/7238 (USBGN)], Serna, Mar. 1981 (Serna, 1984:2, 23); not found on our maps.

AGUAS BLANCAS, RÍO; Cauca Not located
Presumably one of several small tributaries, known as quebradas, of uppermost Río Caquetá [0308S/6446 (USBGN)] rising on slopes of Volcán Puracé [0221/7623 (USBGN)]; 6 km from Puracé [0224/7627 (USBGN)] on southern side of Volcán Puracé, Carriker, various times between 23 Jan.-21 Feb. 1952, but specimens labeled "Puracé," which also see (USNM), 26 Feb. 1954 (Carriker, 1955:51).

AGUAS CLARAS (CU); see Aguaclara, Valle del Cauca.

- AGUAS CLARAS; Huila ca. 0137/7559
 1,400-1,500 m, in southern Huila, near San Adolfo [0137/7559 (USBGN)],
 district of Acevedo [0145/7555 (USBGN)], Hershkovitz, 12, 19 June 1951
 (FMNH); Blake (1955:10, 11) places on Río Suazo [0210/7541 (USBGN)]
 but Dicc. Geog. indicates is on Río Aguas Claras [not located], an affluent
 of the Río Suazo on western slope of southern Eastern Andes.
- AGUAS CLARAS; Meta ca. 0409/7337
 Near Villavicencio [0409/7337 (USBGN)] at eastern base of central Eastern
 Andes, collector ? [Nicéforo ?], Mar. 1946 (Renjifo, 1950:543, as
 "Aguasclaras (Villavicencio)").
- AGUAS CLARAS; Norte de Santander (Nicéforo, 1947:339); see Agua Clara,
 Norte de Santander.
- AGUAS CLARAS; Santander 0716/7334 (USBGN)
 ca. 100 m, in valley of Río Magdalena [1106/7451 (USBGN)], 48 km NNW
 of Bucaramanga [0708/7309 (USBGN)], 15 km S of La Gómez [0723/7333
 (USBGN)], and 40 km ESE of Puerto Wilches [0721/7354 (USBGN)]
 (MHA); Palmer, 10-11 Nov. 1928 (MVZ).
- AGUAS NEGRAS, QUEBRADA; Amazonas ca. 0108S/7005 (Scheuerman,
 1977:8 (map))
 Enters on right bank of Río Miritiparaná [0111S/7002 (USBGN)], close to
 latter's confluence with middle Río Caquetá [0308S/6446 (USBGN)],
 northeastern Amazonas, Scheuerman, date ? (Scheuerman, 1977:3).
- AGUA SUCIA, LAGUNA; Meta Not located
 Borrero and Cruz, date ? (Borrero & Cruz, 1983:54).
- AGUAZUL; Casanare 0512/7233 (USBGN)
 ca. 100 m, at eastern base of central Eastern Andes, 26 km SW of El Yopal
 [0521/7223 (USBGN)] (Atlas, 1977); collector ?, 12 Oct. 1970, 1 Jan. 1971
 (Olivares, 1974a:66ff).
- AGUDITA (Serna, 1980:36); see La Aguadita.
- AGÜERO, PÁRAMO DE; Boyacá ca. 0559/7305
 ca. 10,000-13,000 ft [3,050-3,950 m] (USNM); shown on USNM map of
 Carriker's collecting sites as being on Boyacá/Santander border, due W of
 Santa Rosa de Viterbo [0553/7259 (USBGN)]; Carriker's field catalogue
 (USNM) indicates is on road between Virolín [0605/7312 (USBGN)] and
 Duitama [0550/7302 (USBGN)]; Carriker in vicinity, and between 10,000-

13,000 ft, 24-25, 29-30 Sept., 1-2 Oct. 1943 (USNM); the name appears on no published map we have seen and is certainly equivalent to Páramo de la Rusia [0559/7305 (USBGN)] of MHA, which also see; sometimes "Páramo de Avero" on specimen labels (USNM).

AGUJERO; La Guajira Not located
Collector ?, date ? (Romero & Morales, 1981:296); probably equivalent to Agupero, which see.

AGUPERO; La Guajira ca. 1140/7245 (Marinkelle, 1970:16 (map))
ca. sea level, on coast short distance NE of Machapo [ca. 1135/7250] and slightly farther WSW of Manaure [1147/7227 (USBGN)], on lower Península de la Guajira [1200/7130 (USBGN)], Vidales and Sanchez, date? (Marinkelle, 1970:16 (map), 28).

AGUSTÍN CODAZZI; Cesar 1002/7314 (USBGN)
200 m, at western base of central Sierra de Perijá [1000/7300 (USBGN)] (MHA, as "Codazzi" and "Espíritu Santo"); Carriker, 11-14, 16 Mar., 31 May 1942 (USNM).

AHUMADA; RÍO (MHA); see El Estero, Arroyo.

AHUMADA, LAGUNA BOCA (Serna, 1984:21); see El Estero, Arroyo.

AIROCA (de Schauensee, 1948a:282); see Hiroca.

ALBÁN; Cundinamarca 0453/7427 (USBGN)
2,280 m (de Schauensee, 1948a:282); 1,900 m (Nicéforo, 1947:350); on western slope of central Eastern Andes, 12 km NW of Facatativá [0449/7422 (USBGN)] and 7 km S of Sasaima [0458/7426 (USBGN)] (MHA); collector ?, 6 Jan. 1946, 6, 25 Jan., 15 Mar., 26 Sept. 1947, Nicéforo, 9 Jan. 1946, Esteban, 15 June 1946, 24 Jan. 1947 and below Albán, Jan. 1947 (Iafrancesco, et al., 1985:63, 64; 1986:64, 68, 69, 77; ANSP); Nicéforo, between Albán and Sasaima, July 1945, July 1946, 11 Dec. 1962 (Nicéforo, 1947:350; 1948:204; Iafrancesco, et al., 1986:60), 4 km N, Jan. 1947 (Nicéforo, 1948:206), and below Albán, at 2,000 m, 15 Mar. 1944 (Nicéforo, 1948:209).

ALBÁN; Valle del Cauca 0447/7611 (USBGN)
1,560 m, near head of Río de las Vueltas [0437/7618 (USBGN)] an affluent of Río Garrapatas [0439/7647 (USBGN)], on Pacific slope of central Western Andes, northern Valle del Cauca, close to Chocó border (MHA); formerly "Silencio" (de Schauensee, 1948a:331); Miller and Allen, 9-10

Dec. 1911 (Chapman, 1917:653, as "Salencio"); collector ?, date ? (Cantillo, 1983:72, as "Salencio"); Lehmann and Borrero, N of Albán, at 2,200 m, date ? (Dugand, 1941:358).

ALBANIA; La Guajira (Serna, 1984:19); see Calabacito.

ALBANIA; Santander 0655/7339 (USBGN)
270 m, on western slope of northern Eastern Andes at southern end of Cordillera de la Paz [0705/7325 (USBGN)], in municipality of San Vicente de Chucurí [0655/7330 (USBGN)], collector ?, date ? (Borrero, Olivares, & Hernández, 1962:586, as "La Albania").

ALBERTO; Magdalena Not located
Carriker, 22 May 1961 (WVZ).

ALBUQUERQUE, CAYOS DE; San Andrés y Providencia 1210/8150 (USBGN)
Two islets, 200 yds [185 m] and 100 yds [92 m] in diameter, 30 mi [47 km] SW of Isla de San Andrés [1232/8142 (USBGN)], low brush, a few palms, Vanderbilt, 31 Mar. 1941 (Bond & de Schauensee, 1944:11, as "Albuquerque Keys").

ALBUQUERQUE KEYS (Bond & de Schauensee, 1944:11); see Albuquerque, Cayos de.

ALGARROBO; Magdalena ca. 1009/7401 (IGAC [Cesar])
ca. 100 m, on Magdalena/Cesar border, 30 km NW of Bosconia [ca. 0958/7351 (IGAC [Cesar])] and 40 km SSE of Fundación [1031/7411 (USBGN)] on railway and highway (Atlas, 1977); collector ?, between Algarrobo and Bosconia, date ?, and between Algarrobo and Santa Rosa de Lima [1024/7407 (USBGN)], date ? (Borrero, 1972b:396, 398).

ALGODONAL; Bolívar ca. 0923/7445 (MHA)
ca. 100 m, on Brazo de Loba [0920/7442 (USBGN)], 6 km S of where it joins main channel of lower Río Magdalena [1106/7451 (USBGN)], 15 km N of Magangué [0914/7445 (USBGN)] (MHA); Chapman, Fuertes, et al., 23 Jan. 1913 (Chapman, 1917:640; CU).

ALGUACIL (Todd & Carriker, 1922:108); see Chinchicuá.

ALMAGUER; Cauca 0155/7650 (USBGN)
2,312 m, western slope of southern Central Andes, 63 km SSW of Popayán [0227/7636 (USBGN)] and 16 km NE of Bolívar [0150/7658 (USBGN)]

(MHA); Lloyd, 12 Mar. 1912 (CU); Miller and Allen, 2,500 ft [750 m] above town, i.e., at ca. 3,060 m, in cloud forest, 9-18 Mar. 1912 (Chapman, 1917:42, 640); de Schauensee (1948a:282) says a few labels indicate collections were made as low as 2,250 m.

ALTA DE PISONAS (RDB); see Alto de Pisones.

ALTAMIRA; Huila 0203/7547 (USBGN)
1,079 m, in upper Magdalena valley, 22 km SW of Garzón [0212/7538 (USBGN)] and 20 km NE of Timaná [0158/7556 (USBGN)] (MHA); Willis, 27 Apr. 1962 (Willis, 1988:138); Hilty, date ? (Hilty & Brown, 1986:653); Lehmann, between Altamira and Pitalito [0151/7602 (USBGN)], at 1,188 m, 24 June 1961 (Lehmann, 1961:525).

ALTAQUER; Nariño 0115/7807 (USBGN)
1,075 m, in southern Nariño, on right side of upper Río Cualquer or Río Güiza [0122/7836 (USBGN)], 16 km WNW of Ricaurte [0113/7759 (USBGN)] (MHA; Atlas, 1977); Thiollay, in vicinity, ca. 24 June-16 July 1988 (Thiollay, 1991).

ALTO (Wyatt, 1871:120); see Alto Real.

ALTO, LAGUNA DEL; Norte de Santander Not located
2,700-2,750 m, Carriker, 20, 30 Nov. 1936 [1963 ?], 2 Jan., 20, 30 Nov. 1964, 6 Jan. 1965 (WFVZ; LACMNH; MVZ); Carriker, 18, 20 Nov. 1964 (MVZ).

ALTO BONITO; Antioquia ca. 0705/7630
500 ft [1,450 m], on Río Sucio [0727/7707 (USBGN)], in luxuriant virgin forest [1915] 10 mi [16 km] below Dabeiba [0701/7616 (USBGN)] on western slope of northern Western Andes, Miller and Boyle, 16-23 Feb. 1915 (Chapman, 1917:60, 640; MHA); Chapman, 1915b:658, as "Alto Bonito, Chocó").

ALTO BONITO; Chocó (Chapman, 1915b:658); see Alto Bonito, Antioquia.

ALTO CARDÓN; see El Cardón.

ALTO CARIBE; Vaupés ? 7/7035 (Borrero, 1955:7)
ca. 100 m (Atlas, 1977); on upper Río Inírida [0355/6752 (USBGN)] at backwater of Caraná [not located], Fernández, date ? (Borrero, 1955:7); see Inírida, Río.

ALTO DE LA PAZ (de Schauensee, 1948a:282); see El Alto de la Paz.

ALTO DE LA VIGA; Cundinamarca Not located
Collector ?, date ? (Olivares, 1969b:396); presumably this is La Vega
[0500/7421 (USBGN)], which see..

ALTO DEL BUEY; see Buey, Alto del.

ALTO DEL CEDRO, CERRO (de Schauensee, 1959:65); see Cedro, Alto de

ALTO DEL CRISTO; see Sonsón.

ALTO DEL POZO; see Pozo, Alto del.

ALTO DE MINAS; Atlántico Not located
Collector ?, date ? (Niséforo & Olivares, 1976b:7).

ALTO DE MINAS; Antioquia; see Caldas, Antioquia.

ALTO DE ONZAGA; Boyacá/Santander ca. 0621/7242
ca. 3,500 m, name applied by Borrero and Olivares to area covered by
humid forest on trail W from Soatá [0620/7241 (USBGN)], Boyacá, to Alto
de los Molinos [6022/7244 (USBGN)], above Onzaga [0621/7249
(USBGN)], probably on Boyacá/Santander boundary, on western slope of
northern Eastern Andes, Olivares and Hernández, in region, 8 Dec. 1952-
26 Jan. 1953 (Borrero & Olivares, 1955:51-54).

ALTO DE OSO; Risaralda ca. 0455/7615
Collector ?, date ? (RDB, as "Alto de Oso, San José del Palmar [0455/7615
(USBGN)]"); San José del Palmar is in southeastern corner of Chocó, close
to Risaralda border.

ALTO DE PAN DE AZÚCAR (MHA; Atlas, 1977): see Pan de Azúcar
Miraflores, Cerro.

ALTO DE PISONES; Risaralda 0526/7600 (USBGN)
ca. 1,730 m, on western slope of Western Andes, in northwestern
Risaralda, ca. 7 km N of Geguadas [not located], municipio of Mistrató
[0525/7600 (USBGN)], Stiles, at ca. 1,450-1,600 m, 30 May-8 June 1992,
Mar. [?], 12-17 Apr. 1993 (Stiles & Alvarez-López, 1995:608-609;
Salaman & Stiles, 1996:612); Salaman, date ? (RDB, as "Alta de Pisonas");
24 km NW of town of Mistrató [0519/7552 (USBGN)] (Wegge, in litt.);
not shown on our maps.

ALTO DE QUIMARÍ; see Quimarí, Alto de.

ALTO DE SAN MIGUEL; Antioquia ca. 0600/7535 (MHA)
3,050 m, in Central Andes, 26 km S of Medellín [0615/7535 (USBGN)] and
45 km NW of Sonsón [0542/7518 (USBGN)] (MHA, as "Alto San Miguel");
in municipio of Caldas [0605/7538 (USBGN)], Betancur, 1993 (Betancur,
1994).

ALTO DE TOCHE (CU); see Toche.

ALTO QUINDÍO ACAIME, RESERVA DEL; Quindío 0437/7528
(Renjifo, 1991:685)
ca. 2,500-3,650+ m, remnants of primary forest, patches of secondary
forest, pastures, cultivation, and páramo, on western slope of Central
Andes, near Salento [0438/7534 (USBGN)], Renjifo, 3-4 Dec. 1986, June
1989-July 1990, 30 Apr. 1991 (Renjifo, 1991; 1994, as "Reserva Natural
Cañon del Quindío"); Renjifo and Pérez, 15 Oct. 1989 (Anonymous,
1990c); site does not appear on our maps under either name.

ALTO REAL; Cesar ca. 0817/7325 (MHA)
1,578 m, high point on cableway between Río Magdalena [1106/7451
(USBGN)] and towns of Río de Oro [0817/7323 (USBGN)] and Ocaña
[0815/7320 (USBGN)] on western slope of northern Eastern Andes in
Sierra de Ocaña [0830/7330 (USBGN)] (MHA); assumed to be same as the
"Alto" at which Wyatt collected in Jan. 1870 (Wyatt, 1871:112, 120);
Chapman, 1917:640, places at 0802/7332, ca. 6,000 ft [1,825 m], but this
seems erroneous.

ALTO SAN MIGUEL (MHA); see Alto de San Miguel.

ALTO YUNDA; Valle del Cauca 0332/7648 (Hilty, 1977:44)
1,050 m, on western slope of Western Andes, near upper Río Anchicayá
[0346/7710 (USBGN)]/Río Verde [ca. 0335/7652 (Mapa, Valle, 1973)]
watershed, site of hydroelectric plants, Hilty, between 1,800-1,250 m,
various times 6 May 1972-10 June 1975, and in Río Verde valley, 880 m, 8
Apr. 1972, also Borrero in Río Verde valley, 1,120 m, date ? (Hilty,
1977:45ff; 1980:266-267); see, also, Verde, Río.

AMACA-YACÚ, PARQUE NACIONAL NATURAL; Amazonas 0300S/7000
(Gómez, et al., 1994:193)
Park of 293,000 ha in southern part of Amazonas, immediately N of
Leticia [0409S/6957 (USBGN)] and bordered to the S by the Amazon
(Dicc. Geog.); Lambert, et al., Jan. 1989, McCann, et al., at Río Cotuhé

[0253/6944 (USBGN)], July-Aug. 1989, Pearman, at Quebrada Matamatá [ca. 0409S/6957 (Dicc. Geog.; USBGN)], 23-24 Sept. 1990 (Pearman, 1993:70-72); Gómez, et al., in varzea forest at Matamatá, June-Aug. 1989 and in dry forest at Río Cotuhé, July-Sept. 1990 (Gómez, et al., 1994:193).

AMACA-YACÚ, RÍO; Amazonas 0348S/7019 (USBGN)
Tributary on left bank of the Amazon, entering ca. 10 km E of Puerto Nariño [ca. 0349S/7026 (Atlas, 1977)] and 55 km NW of Leticia [0409S/6957 (USBGN)], in the Trapecio Amazónico (Atlas, 1977; MHA, as "Quebrada Hamacayacu"); Borrero, 10 Oct., 3 Nov. 1939, 11 Apr. 1946 (Dugand & Borrero, 1946:134, 135, 141, 163, as "Hamacayacu" and "Río Hamacayacu").

AMAGÁ; Antioquia 0603/7542 (USBGN)
1,392 m, on western slope of northern Central Andes, 28 km SW of Medellín [0615/7535 (USBGN)] and 9 km NNE of Venecia [0558/7545 (USBGN)] (MHA); collector ?, date ? (Nidéforo & Olivares, 1975:8); collector ? [Serna ?], 19 Mar. 1968, Serna, 4 May 1967, 2 May 1968, 28 Mar. 1970, collector ?, at Hacienda Nechí [ca. 0530/7515 (Atlas, 1992)], 5 Apr. 1967, 6 Aug. 1968, collector ?, at Piedras Verdes [ca. 0555/7540 (Dicc. Geog.; USBGN)], 28 Mar. 1970 (Serna, 1980:22, 42, 49, 73, 78, 87, 91); SAO observers, 1990 (Anonymous, 1990a); Gómez, et al., on highway between Amagá and Primavera [0604/7538 (USBGN)], 1,700 m, 16 Oct. 1989, and 1,600-1,800 m, 17 Oct. 1990 (Anonymous, 1990b:19; 1990c); Peña, et al., on highway between Amagá and Primavera, 1,600-1,800 m, 5 Oct. 1991 (Anonymous, 1991b:31).

AMALFI; Antioquia 0655/7504 (USBGN)
ca. 1,500 m, on eastern slope of northern Central Andes, on Río Riachón [0659/7504 (USBGN)], a tributary of middle Río Porce [0728/7453 (USBGN)] (IGAC [Antioquia]); Whipple, date ? (FMNH); Serna, 1988 (Serna, 1992a:15).

AMAZONAS, COMISARÍA DEL 0100S/7200 (USBGN)
Southernmost Colombia, bordered on N by Putumayo, Caquetá, and Vaupés, on E by Brazil, and on W and S by Peru; lowlands crossed by Río Caquetá [0308S/6446 (USBGN)] and bordered on S by Río Putumayo [0307S/6758 (USBGN)] and Río Amazonas; Leticia [0409S/6957 (USBGN)], on Amazon at Brazilian border, only major town; collector ?, locality ?, 6 Nov. 1973 (Serna, 1980:91).

AMBALEMA; Tolima 0447/7446 (USBGN)
289 m, on left bank of upper Río Magdalena [1106/7451 (USBGN)], ca. 50

km S of Honda [0512/7445 (USBGN)] and same distance N of Girardot [0418/7448 (USBGN)] (MHA); Detwiler [= Detwiler], at and on island nearby, 8, 12-16 Apr. 1889 (Stone, 1899:305ff); collector ? [Detwiler ?], 6, 8, 12-14, 16 Apr. 1889 (ANSP); Lehmann ?, date ? (Dugand, 1946a:55); collector ?, 25 May 1959 (Borrero & Cruz, 1983:55); Mejía, 1981 (Mejía, 1983).

AMPARO, HACIENDA EL; see Hacienda El Amparo.

ANAPOIMA; Cundinamarca 0433/7432 (USBGN)
ca. 400 m, at western base of central Eastern Andes, 41 km NE of Girardot [0418/7448 (USBGN)] and 50 km W of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, 15 Aug. 1965 (Olivares, 1967:45).

ANCHA, RÍO (Todd & Carriker, 1922:108); see Ancho, Río.

ANCHICAYÁ (Schuchmann, 1989); see Anchicayá, Río.

ANCHICAYÁ (Sibley, 1958:449); see Ladrilleros.

ANCHICAYÁ, ALTO (Anonymous, 1989); see Anchicayá, Río.

ANCHICAYÁ, BAJO (Schuchmann, 1990c); see Anchicayá, Río.

ANCHICAYÁ, RÍO; Valle del Cauca 0346/7710 (USBGN)
Originates on western slope of Western Andes at about same latitude as Cali [0327/7631 (USBGN)] and flows NW to enter Pacific just S of Buenaventura [0353/7704 (USBGN)] (MHA); valley with heavy tropical rainforest until 1940s, now cultivated crops, Lehmann in valley, between 100-600 m, from early 1940s onward (Lehmann, 1957:149); Sibley and Lehmann, 26 mi [42 km] SE of Buenaventura, at 1,000 ft [300 m], 10-16 June 1956 (CU); collector ?, at "Represa del Río Anchicayá," at 340 m, date ? (Borrero, 1968b:29); collector ?, date ?, at 290 m (Dugand, 1948a:182); A. H. Miller, at Km 61 on Buenaventura/Cali highway, whose midportion parallels the river, at 1,160 m, 17 Sept. 1958, but altitude suggests that locality may actually have been on Río Digua [0336/7657 (USBGN)], a tributary of the Anchicayá, because the Río Anchicayá is near the highway only at much lower altitudes than that recorded by Miller (MVZ); he may have been near Queremal [0331/7643 (USBGN)] whose altitude is about 1,000 m; A. H. Miller, on highway, at Km 55, at 4,000 ft [1,200 m], 25 Apr., 17 Sept. 1958, at Km 57, at 3,800 ft [1,250 m], 17 Sept. 1958, at Km 59, at 3,500 ft [1,050 m], 17 Sept. 1958, at Km 61, at 3,200 ft [1,000 m], 25 Apr., 17 Sept. 1958, at Km 62, at 3,000 ft [900], 25

Apr. 1958, at Km 65, at 1,500 ft [460 m], 27 Dec. 1958, at Km 68, at 3,200 ft [1,000 m], 17 Sept. 1958, at Km 72, at 1,900 ft [600 m], 25 Apr., 10, 27 Dec. 1958, at Km 75 [also see El Placer], at 1,500 ft [450 m], 10, 19, 27 Dec. 1958, at Km 85, at 950 ft [300 m], 25 Apr. 1958, at Km 92, at 1,300 ft [400 m], 25 Apr. 1958 (MVZ), and at ?, at 3,800 ft [1,250 m], 25 Apr. 1958 (MVZ); Lehmann, at Km 84, at 250 m, 9 June 1957, at Km 90, at 500 m, 2 June 1956, 2 July 1958, at Km 91, at 520 m, 2 June 1957, at Km 92, at 550 m, 5 Oct. 1956, 9 June 1957 (MVZ); Willis, at dam, 26 Apr. 1966 (Willis, 1988:139); Hilty, for long periods in both upper and lower parts of the valley, with known places and dates as follows: at 66 m, above river, 25 June, at 300 m at confluence with Río Digua, 12 Aug., at 900 m on wooded ridge above river, 9 Dec. 1972, at 1,250 m on watershed divide, 23-24 Jan. 1973 (Hilty, 1977:45-46), at 800 m, early Apr. year ?, in "upper valley," Feb., Mar., May, 13 Aug., 11 Sept., 12 Oct., 19 Nov. year or years ?, Aug. 1975, in upper valley, 1977 (Hilty & Brown, 1986:98, 189, 199, 209, 626); Schuchmann, et al., on lower part of river ("Bajo Anchicayá"), 16 Mar., 21 Apr. 1988, Jan. 1989, Oct. 1990-Sept. 1991 (Schuchmann, 1989; 1990b; 1990c; 1992; Leutfeld, Nadachowski, & Schuchmann, 1992; Ohmer, Fain, & Schuchmann, 1991, *Journ. Nat. Hist.*, **25**:484, 498); Giraldo, et al., on upper part of river ("Alto Anchicayá"), ca. 16 Oct. 1988 (Anonymous, 1989); Hilking, et al., on upper part of river ("Alto Anchicayá"), at 750 m, 15 Oct. 1989 (Anonymous, 1990c).

ANCHO, RÍO; La Guajira

1116/7329 (USBGN)

Rising on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] as Río [Quebrada] Macotama [1055/7330 (USBGN)], changing to Río San Miguel [1106/7328 (USBGN)], and finally changing to Río Ancho, under which name it reaches the Caribbean (MHA); Brown, at Macotama [1055/7330 (USBGN)] on Quebrada Macotama, June 1898 (Bangs, 1898c:174), 4 Feb. 1899 (Bangs, 1899a:95) and Carriker, April 1914 (Todd & Carriker, 1922:118); Brown, at Santa Cruz [1100/7326 (USBGN)] on Quebrada Macotama, spring 1899 (Todd & Carriker, 1922:126); Brown, at San Miguel [1058/7329 (USBGN)] on Río San Miguel, 29 Jan., 6 Feb. 1899 (Bangs, 1899a:94; 1902:84), May-June, 1898 (Bangs, 1898c:171) and Carriker, also at San Miguel, Mar.-Apr. 1912 (Todd & Carriker, 1922:125); Taquina [ca. 1057/7332 (MHA)] on Quebrada Macotama mentioned by Todd & Carriker (1922:125) but probably not a collecting site; Todd & Carriker, 1922:108, as "Río Ancha."

ANCUYÁ; Nariño

0115/7731 (USBGN)

1,358 m, at junction of Western and Central Andes, on western bank of Río Guátara [0134/7727 (USBGN)] 11 km SE of Samaniego [0120/7735 (USBGN)] and 26 km WNW of Pasto [0113/7717 (USBGN)] (MHA);

Mena, 21-25, 27 Aug., 2-3, 7, 9-10, 12-15, 17, 20, 23, 26-29 Sept. 1950 (de Schauensee, 1951b:1; ANSP).

ANDAGOYA; Chocó 0506/7641 (USBGN)
65 m (de Schauensee, 1948a:283); on Pacific coastal plain at base of Western Andes on Río San Juan [0403/7727 (USBGN)] at junction of Río Condoto [0506/7642 (USBGN)] (MHA); Carriker, 9-13, 15, 17-23, 25-26 Apr. 1918 (FMNH; UMMZ; CM).

ANDÁGUEDA, RÍO; Chocó 0531/7631 (USBGN)
Important tributary of upper Río Atrato [0817/7658 (USBGN)], rising on western slope of central Western Andes E of Quibdó [0542/7640 (USBGN)], joining the Atrato 25 km SE of Quibdó (MHA); Kerr, at Bagadó [0525/7624 (USBGN)], 25 Sept. 1912 and La Vieja [ca. 0524/7624], date ? (Chapman, 1914b:606; 1917:641).

ANDALUCÍA; Huila 0154/7540 (USBGN)
2,310 m, near crest in low gap in southern portion of Eastern Andes, on route between upper Magdalena Valley and Florencia [0136/7536 (USBGN)] in eastern lowlands (MHA); dense wet forest, Miller, in vicinity, 1-16 June 1912, at Andalucía for three days, then lower on western slope (Chapman, 1917:46-47, 644); de Schauensee (1948a:283) cautions that Miller's collections, although labeled as from Andalucía, were made on both slopes from as low as 900 m near Guadalupe [0201/7545 (USBGN)] on western slope, down to 600 m on eastern slope, below Sucre [0147/7539 (USBGN)]; A. H. Miller, 3 km E, at 6,500 ft [2,000 m], 21-22 Feb. 1949 (MVZ).

ANDALUCIA, PUENTE; see Puente Andalucia.

ANDES; Antioquia 0540/7553 (USBGN)
1,357 m, town at mouth of Río Andes [0548/7553 (USBGN)] on Río San Juan [0556/7552 (USBGN)], deep in interior of eastern side of Western Andes (MHA); collector ?, 23 Dec. 1962, 19-24 Dec. 1972 (Serna, 1980:33, 63, 70, 77, 84, 92).

ANDES, LAGUNA DE LOS; see Los Andes, Laguna de.

ANDES, LOS; see Los Andes.

ANDINO DE ENCENILLOS; Cundinamarca Not located
Arvey, 12 Feb. 1960 (LACMNH).

- ANGELOPÓLIS; Antioquia 0607/7543 (USBGN)
1,955 m (de Schauensee, 1948a:283); on western slope of northern Central Andes, 24 km SW of Medellín [0615/7535 (USBGN)] (MHA); collector ?, nearby, date ? (de Schauensee, 1951a:1040).
- ANGOSTURA; Amazonas 0027S/7231 (USBGN)
ca. 200 m, in central northern Amazonas on right bank of upper Río Caquetá [0308S/6446 (USBGN)], 50 km W of Rápidos Araracuara [0024S/7217 (USBGN)] (Atlas, 1977); Borrero, Nov. 1980, Feb. 1981 (Borrero, 1983).
- ANGOSTURA; Santander ca. 0723/7254 (USNM)
8,300 ft [2,500 m], on western slope of northern Eastern Andes, ca. 28 km W of Pamplona [0723/7239 (USBGN)] and ca. 36 km NE of Bucaramanga [0708/7309 (USBGN)] and close to La Baja [0722/7255 (USBGN)], Carriker, at camp at 8,300 ft [2,500 m] up to 11,800 ft [3,350 m] on páramo and down to 7,500 ft [2,300 m] in oak and scrub at La Baja or Pie del Gallo, 22-25, 28-31 July, 1-2, 4, 6-7, 9 Aug. 1947 (USNM; Emerson and Price, 1980, Journ. Kansas Entom. Soc., 53:813, as "Los Angostura"); Angostura not on our published maps but La Baja is on MHA.
- ANOLAIMA; Cundinamarca 0446/7428 (USBGN)
ca. 1,500 m (Atlas, 1977); 14 km SW of Facatativá [0449/7422 (USBGN)], on western slope of central Eastern Andes (MHA); probable source of many "Bogotá" specimens (Chapman, 1917:641; de Schauensee, 1948a:283); Fuertes, 13, 28-29 Jan., 17, 19, 22 Feb. 1913 (CU); González, 2-3, 8 Sept. 1913 (FMNH; UMMZ); Nicéforo (1945:393) cites an Anolaima in Norte de Santander, but doubtless he meant this one.
- ANOLAIMA; Norte de Santander Not located
Nicéforo (1945:393) cites Anolaima within a list of other localities in Norte de Santander; probably an error for the Anolaima [0446/7428 (USBGN)] in Cundinamarca.
- ANORÍ; Antioquia 0705/7508 (USBGN)
1,535 m, at northeastern end of Central Andes, 28 km ENE of Yarumal [0658/7524 (USBGN)] (MHA); Serna, 1989 (Serna, 1992:15); collector ?, between Zaragoza [0730/7452 (USBGN)] and Anorí, date ? (Nicéforo & Olivares, 1975:4).
- ANSERMANUEVO; Valle del Cauca 0448/7559 (USBGN)
1,035 m (de Schauensee, 1948a:284); in northernmost Valle del Cauca on western side of middle Río Cauca [0854/7428 (USBGN)] valley, 9 km NW

of Cartago [0445/7555 (USBGN)] (MHA); Lehmann and Borrero, date ? (Dugand, 1943b:203); Lehmann and Dugand, between Ansermanuevo and Cartago, Aug. 1941 (Dugand, 1941a:55).

ANTADÓ; Antioquia 0659/7615 (USBGN)
ca. 500 m, on right bank of Río Sucio [0727/7707 (USBGN)], 38 km WSW of Cerro Paramillo [0704/7555 (USBGN)] and 58 km WSW of Ituango [0704/7545 (USBGN)] (MHA); Serna, in Parque de Paramillo at Antadó, May 1989 (Serna, 1992a:16).

ANTIOQUIA; Antioquia 0633/7550 (USBGN)
700 m, between middle Río Cauca [0854/7428 (USBGN)] and eastern base of Western Andes (MHA); arid (de Schauensee, 1948a:284); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); Salmon, 1872 (MCZ); collector ?, date ? (Borrero, 1970b:702, as "Santa Fe de Antioquia"); Marinkelle, 1966 (UMMZ); collector ?, 20 Aug. 1967, Serna, 15-16 Dec. 1974, 20 Apr. 1976 (Serna, 1980:16, 24, 48, as "Santa Fe de Antioquia," p. 34); Waide, 8 Feb., 17, 19, 21-23 Apr., 6, 10-11 May, 12, 14-16, 23 June, 16 July, 2, 21 Aug., 5 Oct. 1971 (Fain & Hyland, 1980, Intern. Journ. Acarology, 6:17, 18).

ANTIOQUIA, DEPARTAMENTO DE 0700/7530 (USBGN)
North-central Colombia, bordered on W by Chocó, on S by Chocó, Risaralda, and Caldas, on E by Boyacá, Santander, and Bolívar, and on N by Atlántico, Córdoba, and Golfo de Urabá [0825/7653 (USBGN)] in the Caribbean; encompasses northern end of Central and Western Andes and large section of central Río Cauca [0854/7428 (USBGN)], with lowlands on E and W and much of N; Medellín [0615/7535 (USBGN)] principal city.

ANZÁ; Antioquia 0617/7555 (USBGN)
800 m, on left bank of Río Cauca [0854/7428 (USBGN)], 33 km W of Medellín [0615/7535 (USBGN)] (MHA); Serna and Montoya, 8 June 1975 (Serna, 1980:46).

APAPORIS, RÍO 0123S/6925 (USBGN)
Major affluent of Río Caquetá [0308S/6446 (USBGN)] forming boundary between Caquetá and Vaupés/Guaviare and between Amazonas and Vaupés (Mapa, 1976); Cabrera, July 1951 (Borrero, 1955:3); Medem, in middle Apaporis at confluence of Río Pacoa [ca. 0007/7113] (Dugand, 1952:2), at Soratama [ca. 0007/7105], and at Raudal Jirijirimo [0008/7039 (USBGN)], a region of high Amazonian forest, early 1952 (Dugand, 1952:1-2); Haffer, 1967a:347, as "Río Apaporis."

- APARTADÓ; Antioquia 0754/7639 (USBGN)
ca. 50 m, in Caribbean lowlands, 10 km E of southern end of Golfo de Urabá [0825/7653 (USBGN)] and 28 km SE of Turbo [0806/7643 (USBGN)] on Río Apartadó [0755/7645 (USBGN)] (MHA; Atlas, 1977); collector ? [Haffer ?], date ? (Borrero, 1972b:399).
- APARTADÓ, RÍO; Antioquia 0755/7645 (USBGN)
Short river rising in hills E of lower Golfo de Urabá [0825/7653 (USBGN)] and discharging into gulf ca. 20 km S of Turbo [0806/7643 (USBGN)] (Atlas, 1977); collector ? [Haffer ?], date (Haffer, 1967b:38).
- APIAY; Meta 0405/7334 (USBGN)
360 m, military airfield on llanos 20 km SE of Villavicencio [0409/7337 (USBGN)] (de Schauensee, 1948a:284; Atlas, 1977); Nicéforo, 10 Jan.-12 Mar. 1939, Nov. 1942, Jan. 1944, 20 Jan., 22 Feb. 1945, Jan., 22 Apr., Dec. 1946 (Nicéforo, 1945:376ff; 1947:338ff; Serna, 1980:19, 20; ANSP); collector ? [Nicéforo ?], 20 Mar. 1939, June 1946 (Dugand, 1945b:403; Renjifo, 1950:540); von Sneidern, Dec. 1940, Mar. 1941 (FMNH); Lehmann, Dec. 1939, Oct. 1941 (Nicéforo, 1945:376); Dugand, Jan. 1942 (FMNH); Lehmann, 3 Mar 1943 (ANSP); Borrero, 14 Nov. 1955 (ANSP); Nicéforo, 14 Dec. 1956 (Iafrancesco, et al., 1989:149); Arvey, 7 Nov. 1959 (LACMNH); collector ?, 14 Aug. 1966 (Olivares, 1974a:69); Nicéforo, at Laguna de Falotes or Laguna de Falote [not located], close by, 12 Jan. 1939 (Nicéforo, 1947:329; 332); Lehmann, between Apiay and Villavicencio, Feb. 1941 (Dugand, 1941a: 53).
- APICALA (de Schauensee, 1948a:284); see Carmen de Apicalá.
- APOPORIS, RÍO (Haffer, 1967a:347); see Apaporis, Río.
- APULO (Olivares, 1969b:348); see Rafael Reyes.
- ARACATACA; Magdalena 1036/7412 (USBGN)
65 m, on coastal plain close to western base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 75 km S of Santa Marta [1115/7413 (USBGN)] and 8 km SSW of Tucurínca [1039/7410 (USBGN)] (MHA); Ujhelyi, sometime between late 1911-early 1912 (Todd & Carriker, 1922:39, 108); humid, Darlington, intermittently June 1928-Apr. 1929 (Darlington, 1931:349ff), collector ?, between Aracataca and Fundación [1031/7411 (USBGN)], date ? (Borrero, 1972b:398); source of specimens described by Madarász, collector ?, date ? (Chapman, 1917:641).

- ARARA, QUEBRADA; Amazonas ca. 0400S/7013
On northern bank of the Amazon across from Isla de Santa Sofía [ca. 0400S/7013 (Atlas, 1977)], NW of Leticia [0409S/6957 (USBGN)], Hilty, et al., July 1975 (Hilty & Brown, 1986:562; Dicc. Geog.).
- ARARACUARA (Borrero, 1983); see Araracuara, Rápidos.
- ARARA CUARA, CASCADA DE (MHA); see Araracuara, Rápidos.
- ARARACUARA, RÁPIDOS; Amazonas/Caquetá 0024S/7217 (USBGN)
ca. 200 m, on upper Río Caquetá [0308S/6446 (USBGN)], at mouth of Río Yari [0023S/7216 (USBGN)] (MHA, as "Cascada de Arara Cuara"; Atlas, 1977, as "Araracuara"); Borrero, Nov. 1980, Feb. 1981 (Borrero, 1983, as "Araracuara"); Cuadros, three periods totaling 126 days between Aug. 1991 and June 1992 (Cuadros, 1991b, as "Araracuara"; 1993c:19, as "Araracuara").
- ARAGÓN; Antioquia 0646/7531 (USBGN)
ca. 3,000 m, near middle of northern Central Andes, 18 km NW of Santa Rosa de Osos [0639/7528 (USBGN)] and 28 km E of La Honda [0648/7551 (USBGN)] (IGAC [Antioquia]); collector ?, 4 Aug. 1966, 20 Jan. 1976 (Serna, 1980:48, 89).
- ARANZAZU; Antioquia (Serna, 1980:13); see Aranzazu, Caldas.
- ARANZAZU; Caldas 0516/7530 (USBGN)
1,964 m, on western slope of Central Andes, 24 km N of Manizales [0505/7532 (USBGN)], central Caldas (MHA); Pérez and Serna, 30 Mar. 1967 (Serna, 1980:13, as "Aranzazu, Antioquia," p. 21).
- ARATOCA; Santander 0642/7303 (USBGN)
1,805 m, western flank of northern Eastern Andes, 18 km NE of San Gil [0633/7308 (USBGN)], above southern slope of valley of Río Chicamocha [0646/7312 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1975:6).
- ARAUCA; Arauca 0705/7045 (USBGN)
ca. 100 m, capital of Intendencia de Arauca [0640/7100 (USBGN)], in northern Arauca, in llanos on right bank of Río Arauca [0724/6635 (USBGN)] on Venezuelan border; collector ?, before Feb. 1940 (Niséforo, 1945:369); collector ?, date ? (Borrero, 1972b:399); McKay, 4-10 Nov. 1977, Nov. 1978, Jorgensen and McKay, mid-Nov. 1978, Jorgensen,

nearby, 8 Dec. 1978 (Hilty & Brown, 1986:150, 168, 201, 216, 227, 644, 646); Negret, mid-Jan. 1993 (Negret, 1997b:86).

ARAUCA, INTENDENCIA DE 0640/7100 (USBGN)
NE Colombia, bordered on N and E by Venezuela, on S by Vichada and Casanare, and on W by Boyacá; Río Casanare [0602/6951 (USBGN)] forms southern border and Río Arauca [0724/6635 (USBGN)] northern border; sparsely inhabited llanos; McKay, northern Arauca, 14 Dec. 1977 (Hilty & Brown, 1986:509).

ARAUCA, RÍO: Arauca 0724/6635 (USBGN)
Rises at base of northern Eastern Andes, flowing E to join Río Orinoco [0837/6215 (USBGN)] in Venezuela (MHA); von Sneidern at 1,000 ft [300 m] on upper Río Arauca between mouth of Río Cobaría [0703/7204 (USBGN)] and mouth of Río Bajabá [0701/7158 (USBGN)] near junction of Boyacá, Norte de Santander, and Arauca, 30 Mar.-Apr. 1959 (FMNH; Atyeo, Gaud, & Pérez, 1984, *Acarologia*, **25**:76).

ARBELÁEZ; Cundinamarca 0417/7426 (USBGN)
ca. 1,400 m, on western slope of middle Eastern Andes, 12 km SW of Fusagasugá [0421/7422 (USBGN)] and 25 km NE of Melgar [0412/7439 (USBGN)] (MHA); Esteban, 15 June 1949 (Iafrancesco, et al., 1986:77); Lehmann, at 1,200 m, 25 Aug. 1940 (Lehmann & Haffer, 1960:250).

ARBOLEDA; Caldas 0535/7509 (USBGN)
2,440 m, in northern central Caldas, on western side of Central Andes, almost on the border with Antioquia, 36 km ENE of Salamina [0525/7529 (USBGN)] (MHA); Pérez, 24 June 1966, Serna and Pérez, 24-25 June 1966 (Serna, 1980:51, 61, 63).

ARCABUCO; Boyacá 0544/7327 (USBGN)
2,594 m, on western slope of Eastern Andes, 25 km NNW of Tunja [0531/7322 (USBGN)] and 23 km SE of Moniquirá [0552/7336 (USBGN)] (MHA); collector ?, date ? (Olivares, 1971:204); A. H. Miller, 3 km SW, at 8,600 ft [2,600 m], 20 Jan. 1949 (MVZ).

ARDITA, PUNTA; Chocó 0708/7749 (USBGN)
Sea level, in northwestern Chocó, small point ca. 15 km NW of Juradó [0700/7740 (USBGN)] and ca. 10 km SE of Panama border (MHA); von Sneidern, 21 Sept., 22-23 Nov. 1940 (Dugand, 1947a:385; UMMZ; ANSP, also as "Río Ardita").

ARDITA, RÍO (ANSP); see Ardita, Punta.

AREHUECA (de Schauensee, 1948a:284); see Orihueca.

ARENA, ARROYO (MHA); see Arenas, Arroyo de.

ARENALES; Santander Not located
3,350 m, Carriker, 17 Nov. 1964 (MVZ); Carriker, Jr., 14 Nov. 1964 (MVZ); probably this is Paramó Arenales [not located], ca. 3,600 m, on western slope of Eastern Cordillera, in municipio of Tona [0715/7254 (UCBGN)] (Dicc. Geog.).

ARENAS, ARROYA DE (Todd & Carriker, 1922:108); see Arenas, Arroyo de.

ARENAS, ARROYO DE; La Guajira ca. 1116/7254
ca. 130 m (MHA); ranch just N of Barbacoas [1114/7254 (USBGN)] on road to Riohacha [1133/7255 (USBGN)], arid tropical, Carriker, 25-26 July 1920 (Todd & Carriker, 1922:108, 577, as "Arroya de Arenas"); Hernández, date ? (Serna, 1984:24); Haffer, 1961b:374, as "Arroyo de Arenas, Fonseca [1054/7251 (USBGN)]"; probably more correctly "Arroyo Arena" which is shown on MHA as a tributary of upper Río Camarones [1125/7305 (USBGN)] crossing road at Forarso [not in USBGN] at ca. 1116/7254, although Arroyo Arena does not appear in USBGN.

ARENAS, PUNTA; Valle del Cauca 0353/7706 (USBGN)
20 m, island of 240 ha, very close to mainland, in Bahía de Buenaventura [0348/7717 (USBGN)], with ca. 140 ha subject to tidal flooding, covered with low second-growth, small pasture in center, surrounded by mangroves and coconut plantations, Ralph and Chaplin, 21-29, 31 Mar. 1971 (Ralph & Chaplin, 1973:357, as "Isla Punta Arenas").

ARENOSA (MHA); see La Arenosa.

ARENOSA, LA; see La Arenosa.

ARENOSAS; Antioquia ca. 0630/7445
ca. 500 m, in eastern Antioquia, 30 km WSW of Puerto Berrío [0629/7424 (USBGN)] and 105 km ENE of Medellín [0615/7535 (USBGN)] (Atlas, 1992); collector ?, date ? (Olson, 1981, Proc. Biol. Soc. Washington, 91:48).

ARGELIA; Cauca 0214/7714 (USBGN)
ca. 2,000 m, on right bank of Río San Juan de Micay [0305/7732 (USBGN)], 35 km NW of El Bordo [0206/7658 (USBGN)] and 75 km

WSW of Popayán [0227/7636 (USBGN)] (Atlas, 1992); in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], on Río San Juan de Micay, Negret, July 1989 (Negret, 1991:45)

ARGENTINA, LA; see La Argentina.

ARGENTINA VIEJA, LA; see La Argentina Vieja.

ARIARI, RÍO; Meta 0235/7245 (USBGN)
Major river, rising in southern part of Eastern Andes, joining Río Guaviare [0403/6744 (USBGN)] in llanos (MHA); Idrobo, date ? (Borrero, 1955:3); Idinael, in llanos at ca. 400 m, on banks of Río Ariari to W of San Martín [0342/7342 (USBGN)], ca. 50 km SW of Villavicencio [0409/7337 (USBGN)], Jan. 1945 (Nícéforo, 1945:371, 380; Atlas, 1977); Idinael ?, 4, 15 Jan. 1945 (Nícéforo, 1947:336ff; Iafrancesco, et al., 1988:122); collector ?, at San Luis de Cubarral [0347/7351 (USBGN)], 25 Dec. 1950 (Olivares, 1974a:71); collector ?, at "Restrepo Río Ariari," date ? (Nícéforo & Olivares, 1964:21).

ARIGUANÍ; Magdalena 1016/7401 (USBGN)
ca.100 m, on Magdalena/Cesar border, 35 km SE of Fundación [1031/7411 (USBGN)] (IGAC [Magdalena]); Carriker, 1920 (Todd & Carriker, 1922:108, 581); collector ?, between Ariguaní and Valledupar [1029/7315 (USBGN)], at 169-175 m, date ? (Borrero, 1970b:702, as "Arinagui"; 1972b:396); the latter may refer to Río Ariguaní [0935/7346 (USBGN)] rather than to town of that name.

ARIHUECA (MHA); see Orihueca.

ARINAGUI (Borrero, 1970b:702); see Ariguaní.

ARIZONA, HACIENDA; see Hacienda Arizona.

ARJONA; Bolívar 1015/7521 (USBGN)
106 m, on Caribbean coastal plain, 28 km SE of Cartagena [1025/7532 (USBGN)] (MHA); collector ?, between Arjona and Turbaco [1020/7525 (USBGN)], date ?, and between Arjona and Río Magdalena [1106/7451 (USBGN)], date ? (Borrero, 1972b:398).

ARMA, RÍO; Caldas 0545/7536 (USBGN)
A right bank tributary of Río Cauca [0854/7228 (USBGN)] rising on

western slope of Central Andes NE of Salamina [0525/7529 (USBGN)] (MHA); Serna, 5 Jan. 1970 (Serna, 1980:78); Olarte, 30 Oct. 1986 (SAO).

ARMANDO, QUEBRADA; Amazonas ca. 0120S/7005 (Scheuerman, 1977:8 (map))
ca. 200 m (MHA); on right bank of middle Río Caquetá [0308S/6446 (USBGN)], ca. 40 km W of La Pedrera [0118S/6943 (USBGN)], a little above mouth of Río Miritiparaná [0111S/7002 (USBGN)], Scheuerman, 30 Oct. 1975 (Scheuerman, 1977:3).

ARMENIA; Antioquia 0609/7549 (USBGN)
1,838 m, on lower slope on western side of northern Central Andes, 26 km SW of Medellín [0615/7535 (USBGN)] (MHA); there is another site bearing this name in Antioquia at 0701/7601 (USBGN), but it is unlikely that the following records pertain to this; Serna, 11 Oct. 1971, Serna and Zuluaga, 10 Feb. 1973 (Serna, 1980:31, 49).

ARMENIA; Quindío 0431/7541 (USBGN)
1,487 m, on western slope of middle Central Andes, 50 km NW of Ibagué [0427/7514 (USBGN)] and 35 km SE of Cartago [0445/7555 (USBGN)] (MHA); collector ?, date ? (Borrero, 1970b:702; 1972b:400).

ARMERO; Tolima 0458/7454 (USBGN)
421 m, lower upper Magdalena Valley, close to eastern base of Central Andes, 32 km SW of Honda [0512/7445 (USBGN)] and 25 km NW of Ambalema [0447/7446 (USBGN)] (MHA); collector ?, date ? (Borrero, Olivares, & Hernández, 1962:587; Borrero, 1972b:401).

ARRACACHAL, REPRESA DE; Cundinamarca 0435/7418 (Borrero & Hernández, 1961:442)
ca. 2,500 m (MHA); on western slope of Eastern Andes, small reservoir on Río Bogotá [0418/7448 (USBGN)] near Salto de Tequendama [0435/7418 (USBGN)], collector ?, 24 Feb. 1958 (Borrero & Hernández, 1961:430, 442; altitude given as "2 m" is obviously erroneous); not on our maps.

ARROYO DE PIEDRA; Atlántico 1038/7506 (USBGN)
ca. 15 m, town in southern Atlántico, 3 km NW of northern end of Ciénaga de Guájaro [1034/7502 (USBGN)] and 19 km W of Sabanalarga [1038/7455 (USBGN)] (MHA, as "Arroyo Piedras"); Giacometto and Dugand, on outskirts at Los Palmichales [not located, probably a farm] between town and lake, 5 Oct. 1936, 8 Aug. 1938 (Dugand, 1939:529, 530, 535, as "Arroyo de Piedras"); von Sneidern, Feb. 1940 (FMNH).

ARROYO DE PIEDRAS (Dugand, 1939:529); see Arroyo de Piedra.

ARROYO HONDO; Valle del Cauca 0331/7631 (USBGN)
ca. 1,000 m (MHA); a northern suburb of Cali [0327/7631 (USBGN)],
Olivares, 1949 (Niccéforo & Olivares, 1975:10; FMNH); not on our maps.

ARROYO PIEDRAS (MHA); see Arroyo de Piedra.

ARTURO, PUERTO; see Puerto Asturo.

ASERRÍO; Caquetá ca. 0115/7545
ca. 200 m (MHA); in western Caquetá, in interior of forest on right side of
Río Pescado [0113/7351 (USBGN)], 20 km from confluence with Río
Orteguaza [0043/7516 (USBGN)] (Niccéforo & Olivares, 1964:5); not
shown on our maps, but is in vicinity of El Venadito [0116/7544 (USBGN)]
(MHA); collector ?, date ? (Niccéforo & Olivares, 1964:9); Nicéforo, 3, 28
Feb., 2-3, 5 Mar. 1954 (Iafrancesco, et al., 1986:80; 1987:70, 98, 100,
116); also see Pescado, Río.

ASÍS, PUERTO; see Puerto Asís.

ASOMBRO, EL; see El Asombro.

ASPINAL (MHA); see Espinal, Valle del Cauca.

ASTILLERO (Niccéforo & Olivares, 1964:5); see Casa de Astillero.

ATACO; Tolima 0335/7523 (USBGN)
476 m, high in valley of Río Saldaña [0418/7600 (USBGN)] on eastern
slope of Central Andes, 30 km SW of Natagaima [0351/7506 (USBGN)]
(MHA); Perdomo, 2 Feb. 1957 (Lehmann, 1957:106).

ATANQUES (Todd & Carriker, 1922:108); see Atanquez, Cesar.

ATANQUEZ; Cesar 1042/7321 (USBGN)
820 m, eastern slope of Sierra Nevada de Santa Marta [1050/7340
(USBGN)], 26 km NNW of Valledupar [1029/7315 (USBGN)] (MHA);
Simons, 24-27 Feb., 9 Mar. 1878, mostly at 2,700 ft [820 m] but sometimes
at 4,000 ft [1,200 m] (Salvin & Godman, 1879:199, 200, 201, 206);
Carriker, at 2,500 ft [750 m], 26-30 May, 1-6, 8-9 June 1945 (USNM);
Todd & Carriker, 1922:108, give "Atanques" as an alternative spelling;
Niccéforo & Olivares, 1966:389, as "Atanquez, Magdalena".

ATANQUEZ; Magdalena (Niséforo & Olivares, 1966:389); see Atanquez, Cesar.

ATLÁNTICO, DEPARTAMENTO DEL 1045/7500 (USBGN)
Northern Colombia, on western side at mouth of Río Magdalena [1106/7451 (USBGN)] and on Caribbean, bordered on S and SW by Bolívar and on E and SE by Magdalena; mainly arid lowlands; Barranquilla [1059/7448 (USBGN)] a major city.

ATRATO, Río; Chocó 0817/7658 (USBGN)
Major river rising in central Chocó, E of Quibdó [0542/7640 (USBGN)], and flowing N to Golfo de Urabá [0825/7653 (USBGN)] on Caribbean coast (MHA); Wood, Wood, and Schott, at mouth and to where Río Truandó [0726/7707 (USBGN)] enters, Dec. 1857-Feb. 1858 (Cassin, 1860:132ff); Arrid ?, Jan., Mar. 1881 (FMNH); Kerr, 20 Dec. 1909 (Wetmore & Phelps, 1946:66); collector ?, date ? (Borrero, 1972b:399); collector ?, at headwaters at 3,000 ft [900 m], date ? (de Schauensee, 1946a:7); von Sneider, "on Río Atrato side" [meaning ?], 27, 31 July, 3, 5, 8, 10-11 Aug. 1940 (ANSP) also see Quibdó, Ríosucio, Sautatá, and Yuto.

ATUNCELA; Valle del Cauca 0346/7642 (USBGN)
1,700 m (Hilty, 1977:45); 900 m (de Schauensee, 1948a:285); on Pacific slope of Western Andes, ca. 8 km NNW of Dagua [0340/7641 (USBGN)] in upper valley of Río Dagua [0352/7704 (USBGN)] (Mapa, Valle, 1973, as "Atuncelas"; at ca. 0344/7642); Palmer, 1-21 May, 18-19, 22, 25 June 1907 (MCZ; FMNH; CU; UMMZ); Borrero, date ? (Hilty, 1977:45); collector ?, date ? (Cantillo, 1983:72).

ATUNCELAS (Mapa, Valle, 1973); see Atuncela.

ATURES, RAUDAL DE; Vichada 0535/6736 (USBGN)
Alt. ?; rapids on Río Orinoco [0837/6215 (USBGN)], northeastern Vichada, 45 km upriver from Maipures [0511/6751 (USBGN)] (Mapa, 1976); Cherrie, 1898 or 1899 (Phelps, 1945, Bol. Soc. Venezolana Cienc. Nat., 9:336).

AVABO, EL; see El Avabo.

AVERO, PÁRAMO DE (USNM); see Agüero, Páramo de.

AYACUCHO; Cesar 0836/7335 (USBGN)
ca. 200 m, at western base of northern Eastern Andes, 24 km E of La Gloria [0837/7348 (USBGN)] and 26 km ESE of Puerto Sagoc [0838/7349

(USBGN)], both of which are on lower middle Río Magdalena [1106/7451 (USBGN)] (IGAC [Cesar]); savannas and low woodland, Carriker, 27 May, 2-9 June 1943 (USNM; Carriker, 1955:48, as "Ayacucho, Magdalena" and 1955, Bol. Entom. Venezolana, 11(3-4):123, as "Ayacucho, Santander N."

AYACUCHO; Magdalena (Carriker, 1955:48); see Ayacucho, Cesar.

AYACUCHO; Norte de Santander (Carriker, 1955, Bol. Entom. Venezolana, 11(3-4):123); see Ayacucho, Cesar.

AYAPEL; Córdoba 0819/7509 (USBGN)
48 m, on western shore of Ciénaga de Ayapel [0821/7506 (USBGN)] in easternmost Córdoba (MHA); collector ?, 21-25 Sept. 1964 (Olivares, 1967:41); Gómez, in Ciénaga de Ayapel, date ? (Borrero, 1955:2).

AYAPEL, CIÉNAGA DE; Córdoba/Sucre 0821/7506 (USBGN)
48 m, large shallow lake in easternmost Córdoba with northern shore in Sucre (MHA); Gómez, May ?, year ?, Jaramillo, Jan. 1955 (Borrero, 1955:2, 4); collector ?, at Ayapel [0819/7509 (USBGN)] on western shore, 21-25 Sept. 1964 (Olivares, 1967:40-41); Serna, et al., in Córdoba, 25-28 July 1986, 3-10 Jan., 9-12 June 1987.

AZERO, RÍO; Caquetá Not located.
von Sneider, 23 Oct. 1941 (UMMZ); on this date the collector also was at Morelia [0131/7541 (USBGN)], Caquetá.

AZOFRADA (MVZ); see Azufrada.

AZUFRADA; Santander Not located
600 m (MVZ); on the lower western slope of the Eastern Andes there is a quebrada bearing this name [not located], in municipio San Vicente de Chucurí [0654/7325 (USBGN)], which is an affluent of Río Cascajales [0647/7337 (USBGN)] (Dicc. Geog.); presumably this site is a town on that stream; Carriker, 18 July 1963, 1, 19, 21, 28 Jan., 1, 3 Feb., 17 Mar., 15, 17, 31 May, 12 June, 6, 10, 20, 23 July, 1 Aug., 2, 30 Sept., 1 Nov., 7, 29 Dec. 1964, 2, 9, 19 Feb. 1965, 31 May 1966 (WFVZ, as "Azufrado"; MVZ, sometimes as "Azofrada"; LACMNH, as "Azufrado"; MVZ).

AZUFRADO (WFVZ, LACMNH); see Azufrada.

AZUFRAL, VOLCÁN; Nariño 0105/7743 (USBGN)
4,070 m, cone in southwestern Nariño, 50 km SW of Pasto [0202/7607 (USBGN)] (MHA); Thiollay, in vicinity, ca. July 1988 (Thiollay, 1991).

AZUFRE, MINA DE; Cauca Not located
3,500 m, sulfur mine, Carriker, July 1956 (FMNH); high altitude suggests this is in Central Andes, probably E of Popayán [0227/7636 (USBGN)], near Volcán Puracé [0221/7623 (USBGN)]; see Puracé.

AZUL, CERRO; see Boquerón.

AZUL, RÍO; Valle del Cauca 0356/7642 (USBGN)
Short tributary of upper Río Calima [0408/7704 (USBGN)] rising on lower western slopes of Western Andes on Valle del Cauca/Chocó border (MHA); Batty, 8 Aug. 1898 (MCZ).

BADILLO; Cesar 1038/7308 (USBGN)
ca. 200 m, in eastern central Cesar, 23 km NE of Valledupar [1029/7315 (USBGN)], on La Guajira border (MHA; Atlas, 1977); Hernández, date ? (Serna, 1984:24).

BADILLO, RÍO; La Guajira/Cesar 1032/7307 (USBGN)
Rises on northeastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and flows S and SE to join Río Cesar [0900/7358 (USBGN)] 17 km NE of Valledupar [1029/7315 (USBGN)], its course near its source forming boundary between La Guajira and Cesar (MHA; Mapa 1976); Carriker, on flood plain of river, probably at town of Badillo [1038/7308 (USBGN)], Cesar, July 1920 (Todd & Carriker, 1922:135, 580).

BADOHONDO (de Schauensee, 1952a:1127); see Vado Hondo.

BAGADÓ; Chocó 0525/7624 (USBGN)
ca. 100-200 m (MHA); altitude of 1,800 ft [300 m] given by Chapman (1914b:606) seems high; on western slope of central Western Andes, on Río Andágueda [0531/7631 (USBGN)], a tributary of Río Atrato [0817/7658 (USBGN)] near its source, and 40 km SE of Quibdó

[0542/7640 (USBGN)] (MHA); Kerr, 25 Sept. 1912 (Chapman, 1914b:606; 1917:641).

BAGUA; Amazonas Not located
McCollum, 8 km WSW at 1,500 ft [425 m], 22 Aug. 1967 (MVZ).

BAHONDO (de Schauensee, 1952a:1127); see Vado Hondo.

BAJA, LA; see Angostura.

BAJO ANCHICAYÁ (Schuchmann, 1990c); see Anchicayá, Río.

BAJO CALIMA; Valle del Cauca 0408/7704 (Ohmer, et al., 1991:484)
40 m, in Pacific lowlands, ca. 20 km NE of Buenaventura [0353/7704 (USBGN)] near Río Calima [0408/7704 (USBGN)], tropical wet forest, Orejuela, et al., May 1976-March 1977 (Orejuela, et al., 1980:256, give erroneous coordinates of 0400/7606); does not appear on our maps; Borrero and Alvarez-López, 8, 10-11 Jan. 1964 (Serna, 1980:45, 48, 57); collector ? [Schuchmann ?], 9 Mar. 1988 (Ohmer, Fain, & Schuchmann, 1991, Journ. Nat. Hist., **25**: 484, 489); Restrepo, 23 Oct. 1982 (Restrepo, 1982a).

BALCONES, QUEBRADA; Cundinamarca 0440/7333 (USBGN)
Tributary of upper Río Guavio [0444/7303 (USBGN)], Hershkovitz, in forest, June 1952 (Blake, 1955:12 and FMNH, both as "Río Balcones, upper Río Guavio (Meta drainage), Guasca"); apparently stream arises on eastern slope of Eastern Andes above Guasca [0452/7352 (USBGN)], which is on western slope above Sabana de Bogotá, 38 km NE of Bogotá [0436/7405 (USBGN)] and below Páramo de Guasca [ca. 0455/7352 (MHA)], which is on crest above and E of village.

BALCONES, RÍO (FMNH); see Balcones, Quebrada.

BALDÍO (Nicéforo, 1948:209); see Baldío, Cordillera de.

BALDÍO, CORDILLERA DE; Cundinamarca 0419/7345 (USBGN)
4,050 m, small range on eastern side of central Eastern Andes, 22 km NW of Villavicencio [0409/7337 (USBGN)]; collector ?, date ? (Nicéforo, 1948:209, as "Baldío"); de Schauensee, 1952a:1127, as "El Baldío."

BALDÍO, EL (de Schauensee, 1952a:1127); see Baldío, Cordillera de.

BALNEARIO DE VILLA CONCHA; Magdalena 1118/7409 (USBGN)
Sea level, village at head of Ensenada de Concha [1118/7409 (USBGN)], ca. 10 km NE of Santa Marta [1115/7413 (USBGN)] (MHA, as "Concha" and "Ancón de Concha"); Smith, 18 Aug. (Allen, 1900a:173, as "Quebra Concha" and p. 144, as "Concha"), 10 Oct. 1899 (CM); Smith also calls "Playa Concha" (Todd & Carriker, 1922:113); de Schauensee, 1952a:1134, as "Quebrada Concha."

BALSA, LA; see La Balsa.

BALSILLAS, LAS; see Las Balsillas.

BALSILLAS, VEREDA; see Mosquera.

BANCO (Chapman, 1917:287); see El Banco.

BANCO, EL; see El Banco.

BARANOA; Atlántico 1048/7455 (USBGN)
95 m (de Schauensee, 1948a:285); 27 km SW of Barranquilla [1059/7448 (USBGN)] (MHA); highly cultivated, Cortés and Lehmann, May 1941 (Dugand, 1947c:530, 535); von Sneider, May 1941 (FMNH); Isaza, 18 May 1967 (Serna, 1980:73).

BARAYA; Huila 0310/7504 (USBGN)
701 m, on lower western slope of southern Eastern Andes, 18 km SE of Villavieja [0313/7514 (USBGN)] and 35 km NE of Neiva [0256/7518 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:85).

BARBACOAS; La Guajira 1114/7254 (USBGN)
130 m, at base of Península de la Guajira [1200/7130 (USBGN)], 37 km SSE of Río Chacha [1133/7255 (USBGN)] (MHA); listed by Todd & Carriker (1922:109, 577), although may not be a collecting locality.

BARBACOAS; Nariño 0141/7809 (USBGN)
35 m, on Pacific coastal plain, close to western foothills of Western Andes, on Río Telembí [0150/7816 (USBGN)], an affluent of Río Patía [0213/7840 (USBGN)] (MHA); "thick forest and impenetrable jungle [1912]," Richardson, [?] 10 Sept.-7 Oct. 1912 (Chapman, 1917:641); there are discrepancies in Richardson's dates, with Chapman (op. cit., p. 49) also giving them as 3 Aug.-10 Sept.; the latter are presumably correct because, e. g., 24 Aug. and 6 and 8 Sept. are given elsewhere as the collecting dates for specimens (Chapman, 1914b:614, 617, 625); Richardson, 11 Aug.

1911, 22 Aug. 1912 (UMMZ); Carriker, 1957, 1958, Aug. 1959 (Carriker, 1959a:197, citation ambiguous, records may refer to Guayacana [0126/7827 (USBGN)]); Gardner and Englemann, 1976 (Hilty & Brown, 1986:192).

BARBASCAL; Meta 0341/7326 (USBGN)
280 m (MVZ); in eastern llanos, 20 km E of San Martín [0342/7342 (USBGN)] (Atlas, 1977); Lehmann, post-1940 (Lehmann, 1957:129); Lehmann, 24, 26-27 Feb., 2 Mar. 1958 (MVZ, as "Hacienda Barbascal, 50 km E of San Martín").

BARBOSA; Antioquia 0626/7520 (USBGN)
1,359 m, on eastern slope of northern Central Andes, 38 km NE of Medellín [0615/7535 (USBGN)] on Río Porce [or Río Medellín, 0728/7453 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1964:16); Serna, 24 July 1971, Serna and Pérez, 4 Jan. 1974 (Serna, 1980:16, 100); collector ?, on Barbosa/Santo Domingo [0628/7510 (USBGN)] road, date ? (RDB).

BARBÚ (MHA); see Varrud.

BARBUDO (Dugand, 1938:544); see Varrud.

BARCA, LA; see La Barca.

BARETOU (MCZ); see Bariatou, Río.

BARIATOU, RÍO; Valle del Cauca ? Not located
Batty, 25 Dec. 1897, Apr., May, 2 July 1898 (MCZ, as "Río Barratow, Cauca Valley," "Río Bariatou," "Río Bariatow," "Baretou," "Barroton").

BARIATOW, RÍO (MCZ); see Bariatou, Río.

BARICHARA; Santander 0638/7314 (USBGN)
1,336 m, on right side of valley of Río Suárez [0646/7312 (USBGN)], across river from Galán [0638/7318 (USBGN)], 18 km NW of San Gil [0633/7308 (USBGN)] and 20 km N of Socorro [0629/7313 (USBGN)], on western slope of northern Eastern Andes (MHA); arid (pers. obser.); Niséforo, date ? (Niséforo, 1945:390).

BARRANCABERMEJA; Santander 0703/7352 (USBGN)
82 m, right bank of middle Río Magdalena [1106/7451 (USBGN)], 85 km NE of Puerto Berrío [0629/7424 (USBGN)] and 80 km W of Bucaramanga

[0708/7309 (USBGN)] (MHA); Borrero and Hernández, Nov. 1956 and Vidales, May 1958 (FMNH); collector ? [Vidales ?], at Km 23 and Km 30 on Barrancabermeja/San Vicente de Chucurí [0654/7325 (USBGN)] road, dates ? (Borrero, Olivares, & Hernández, 1962:592, 593); Vidales, at Km 65 on Barrancabermeja/San Vicente de Chuchurí road, 3 July 1958 (MVZ).

BARRANCA DE LEBRIJA; Cesar 0801/7343 (USBGN)
ca. 100 m, town in lower middle Río Magdalena valley on Río Lebrija [0808/7347 (USBGN)], southern Cesar, opposite northernmost extension of Santander (MHA); collector ?, between Eloy Valenzuela [not located] and Lebrija [Barranca de Lebrija ?; certainly not Lebrija, Santander, at 0707/7313 (USBGN)], date ? (Borrero, 1972b:398, as "Lebrija, Bolívar").

BARRANCAS; La Guajira 1057/7250 (USBGN)
190 m, in upper valley of Río Rancheria [1134/7254 (USBGN)] at base of Península de la Guajira [1200/7130 (USBGN)], 10 km NE of Fonseca [1054/7251 (USBGN)] (MHA); Serna, 1980 and/or 1981 (Serna, 1984:28).

BARRANQUILLA; Atlántico 1059/7448 (USBGN)
ca. 100 m, near mouth of Río Magdalena [1106/7451 (USBGN)], 15 km from Caribbean (MHA); semi-arid, trees small, scattered, and deciduous, aquatic vegetation being destroyed [1947], Schrader (possibly not collector), probably before 1861, Crowther, probably before 1862, Fuertes, 4 June 1911, Cortés and Lehmann, May 1941 (Dugand, 1947c:528, 535-537); Wyatt, 1 Jan. 1870 (Wyatt, 1871:333); Robinson, 21 July 1892 (Robinson, 1895:129); Whiddon, date ? (ANSP); collector ?, 31 May 1934, 26 Feb. 1939 (Dugand, 1947a:393); Cortés and Lehmann, May 1941 (Dugand, 1947c: 528, 535-537); Carriker, 1941 (USNM); Dugand, at country club, date ? (Dugand, 1943a:193); Nicéforo, 2 July 1964 (Iafrancesco, et al., 1986:42); Winslow, 25 May 1956 (UMMZ); Paloolian, 5 Feb. 1957, collector ?, 15 Sept. 1969 (WFVZ); Carriker, Apr. 1960 (LSU); collector ?, date ? (Borrero, 1972a:398); Isaza, 23 Sept., 3, 5, 10 Oct. 1967, 11 Jan. 1969, Nicéforo, Aug., 11 Oct. 1967, 12 Jan., 7 May 1969, Serna and Isaza, 4 Oct. 1967, 10-11 Jan. 1969, collector ?, 18 May, 18 July, 12, 18 Dec. 1968, 26 Sept. 1974, Serna and Montoya, 10 Jan. 1969, Serna, 11 Jan. 1969, 26 Sept. 1974, 5 May, 5, 30 Oct. 1977, Valverde and Wolff, 30 Mar., 5, 8, 12, 18, 28 Apr. 1977 (Serna, 1980:8, 20, 24, 25, 38, 40-41, 45, 48, 50-51, 53, 59, 61-62, 66, 73, 79, 82, 88, 94; Iafrancesco, et al., 1987:74); Easterla and George, 23 Dec. 1969 (Easterla & George, 1970:473); Echeverría, nearby, date ? (Dugand, 1940d:35); collector ?, between Luruaco [1037/7510 (USBGN)] and Barranquilla, date ? (Borrero, 1972b: 398); Snyder and Kale, on river, 28 Apr.-5 May 1978 (Snyder & Kale, 1983); Sprunt, 25 June, 20 Aug., year or years ? (Hilty &

Brown, 1986:217); Koester, 16 km E, 14 Oct. 1978 and along highway between between Ciénaga [1101/7415 (USBGN)] and Barranquilla, 17, 20, 23 Oct., 3-4, 15, 26 Nov., 7, 14, 21 Dec. 1978, 8, 17 Jan., 16, 22 Feb., 16 Mar., 24 Apr., 4, 15 May, 3 June, 12, 20 July, 2, 5, 14, 20 Aug., 4, 18, 26 Sept. 1979 (Koester, 1982).

BARRATOW, RÍO (MCZ); see Bariatou, Río.

BARRIGÓN (Chapman, 1917:69); see Puerto Barrigón.

BARRIGÓN, PUERTO; see Puerto Barrigón.

BARRIO BELÉN (Serna, 1980:15); see Hacienda Belén

BARRIO LAURELES; Antioquia ca. 0633/7554
Caserío in municipio of Antioquia [0633/7554 (USBGN)], SW of the capital (Dicc. Geog.); near Medellín [0615/7535 (USBGN)], Serna and Arismendy, 14 Oct. 1974 (Serna, 1980:29).

BARRIO SAN CRISTÓBAL (Serna, 1980:17); see San Cristóbal, Antioquia.

BARRO BLANCO; Antioquia ca.0615/7523
7,200 ft [2,200 m], 12 mi [19 km] E of Santa Elena [0613/7530 (USBGN)] on eastern slope of Central Andes, forest destroyed [by 1914], Miller and Boyle, 25-29 Nov. 1914 (Chapman, 1917:59, 642); not shown on our maps.

BARROTON (MCZ); see Bariatou, Río.

BARÚ, CIÉNAGA; Bolívar Not located
Swamp formed by the Caribbean on Isla Barú [1015/7535 (USBGN)], SW of Cartagena [1025/7532 (USBGN)] (Dicc. Geog.); Naranjo, 8 Nov. 1978 (Hilty & Brown, 1986:163).

BARÚ, ISLA; Bolívar 1015/7535 (USBGN)
Sea level, large, triangular-shaped island narrowly separated from the west coast of Bolívar between Bahía de Cartagena [1020/7533 (USBGN)] to the N and Bahía de Barbacoas [1010/7535 (USBGN)] to the S, 20 km S of Cartagena [1025/7532 (USBGN)] (MHA as "Isla de Barú"); Naranjo, NW of Barú, May, 8 Nov. 1978 (Hilty & Brown, 1986:163, 185); also see Barú, Ciénaga and Cholón, Ciénaga.

BATA; Norte de Santander 0714/7227(USBGN)
ca. 1,000 m, on eastern slope of northern Eastern Andes at mouth of Río Chitagá [0714/7227 (USBGN)], an affluent of Río Margua [0703/7205 (USBGN)], 13 km SSE of Labateca [0718/7229 (USBGN)] and 30 km SE of Pamplona [0723/7239 (USBGN)] (Atlas, 1977); collector ?, date ? (Nicéforo & Olivares, 1967:405).

BATATAL; Córdoba 0741/7535 (USBGN)
Alt.?: on upper Río Uré [0757/7531 (USBGN)] in southeastern Córdoba; collector ?, date ? (Nicéforo & Olivares, 1964:12, as "Batatal (Alto río Uré)"); not on our maps.

BAUDÓ (FMNH); see Baudó, Serranía de.

BAUDÓ, RÍO; Chocó 0457/7722 (USBGN)
Flows from Alto del Buey [0606/7713 (USBGN)], the highest peak in coastal Serranía de Baudó [0600/7705 (USBGN)], S and then W to Pizarro [0458/7722 (USBGN)] on the Pacific (Atlas, 1977); von Sneider, on upper portion, at 900 ft [250 m], 23 July 1940 and 1,800 ft [550 m], date ?, and at "Río Baudó," 8 Jan., 28 June, 7, 17, 21-31 July, 1-10, 12-13, 18 Aug. 1940 (de Schauensee, 1944c:2, 6; 1946c:3; UMMZ; Iafrancesco, et al., 1987:94; ANSP, frequently as "Chocó, Río Baudó side") and at Río Sandó [Quebrada Sandó, 0503/7657 (USBGN)], a tributary of lower Río Baudó (FMNH, as "Río Sandó, Río Baudó"), Oct. 1958 and at Río Dubasa [0519/7657 (USBGN)], 100 m, an affluent of upper Río Baudó, 2 Sept. 1945 (von Sneider, 1954:13); von Sneider records confused and ambiguous; also see Buey, Alto de.

BAUDÓ, SERRANÍA DE; Chocó 0600/7705 (USBGN)
Coastal range extending from Panama border S to central Chocó, separated from Western Andes by valleys of Río Atrato [0817/7658 (USBGN)] and Río San Juan [0403/7727 (USBGN)], reaching maximum altitude of 1,810 m at Alto del Buey [0606/7713 (USBGN)] but generally 500-700 m (MHA); Kerr, exact location unknown, up to 2,500 ft [750 m], June-July 1912 (Chapman, 1917:642, as "Baudó Mountains"; FMNH, as "Baudó"); von Sneider, on eastern slope at 3,000 ft. [900 m] above Río Atrato, 25 July 1940 (de Schauensee, 1944a:4; ANSP); Carriker, Mar. 1951 (Gaud & Atyeo, 1982, *Acarologia*, 22:410); see, also, Nuquí, Río; "Baudó" alone might refer to town now called Pizarro (which see) or to Río Baudó [0457/7722 (USBGN)].

BAUDOCITO, RÍO; Chocó 0557/7646 (USBGN)
Small tributary on left bank of Río Baudó [0457/7722 (USBGN)],

originating on western side of southern extension of Serranía de Baudó [0600/7705 (USBGN)] on coastal plain of south-central Chocó; von Sneider, 29 July, 2 Aug., 30 June 1940 (ANSP); collector ?, date ? (Niséforo & Olivares, 1966:375).

BAUDO MOUNTAINS (Chapman, 1917:642); see Baudó, Serranía de.

BAYUNCA; Bolívar 1032/7524 (USBGN)
ca. 100 m, on Caribbean coastal plain, 8 km from sea, 22 km NNE of Cartagena [1025/7532 (USBGN)], and 12 km SW of Santa Catalina [1036/7517 (USBGN)] (MHA); collector ?, date ? (Borrero, 1970b:702).

BEACON KEY (Bond & de Schauensee, 1944:13); see La Boya, Cayo de.

BEDÓN, RÍO; Cauca ca. 0220/7620
Small stream on Páramo de Puracé [ca. 0224/7627] that originates at Laguna de San Rafael [0225/7625 (USBGN)] and flows E in Western Andes to become Río San Jose [Río Aguacatal, 0216/7601 (USBGN)] in Moscopán region [ca. 0220/7605] (Lehmann, 1957:146); collector ?, at 3,400 m, date ? (Dugand, 1948a:162); Carriker, at 2,100 m, 26 Feb. 1958 (LACMNH); León, at waterfall at 3,000 m, 15 Nov. 1970 (Hernández & Rodríguez, 1979:577).

BEGRO, RÍO (Köster, 1976:77); see Negro, Río, Cundinamarca/Meta.

BELALCÁZAR, HACIENDA DE; see Hacienda de Belalcázar.

BELÉN; Antioquia (USNM); see Hacienda Belén.

BELÉN; Caquetá 0126/7556 (USBGN)
400-450 m (de Schauensee, 1948a:286), 155 m (Lehmann, 1943a:165), 600 ft [200 m] (de Schauensee, 1945c:4); at eastern base of southern Eastern Andes, 31 km SW of Florencia [0136/7536 (USBGN)] (MHA); von Sneider, 1-2 Jan., 26-27 Nov., 12, 19-20, 22-31 Dec. 1941 (de Schauensee, 1945c:4; 1947b:119; ANSP); collector ?, [von Sneider ?], 26 Nov. year ? (Olivares, 1959b:54); to be distinguished from Belén, Huila and Hacienda Belén, Antioquia.

BELÉN; Huila 0215/7605 (USBGN)
ca. 2,000 m, on eastern slope of southern Central Andes, on Río de la Plata [0226/7553 (USBGN)], 9 km NW of La Argentina [0213/7602 (USBGN)] and 7 km SE of Candelaria [0220/7612 (USBGN)] (Atlas, 1977); formerly known as Agua Bonita (USBGN); Carriker, from 5,500-7,000 ft [1,700-

2,150 m], 18-22, 24-29, 31 Mar., 1-5 Apr. 1952 (USNM) and 22 Feb. 1956 (also recorded from Moscopán on this date), 18 Feb. 1957, 25 Feb. 1958 (FMNH; LACMNH; CM); Lehmann, 24 May, July 1958 (Lehmann, 1960a:274; MVZ); to be distinguished from Hacienda Belén, Antioquia, and Belén, Caquetá.

BELÉN, EL (USNM); see Hacienda Belén.

BELÉN, HACIENDA; see Hacienda Belén.

BÉLGICA, PUERTO; see Puerto Bélgica.

BELLAVISTA; Antioquia (1) 0633/7518 (USBGN)
2,000 m, on northeastern end of Central Andes on left side of valley of Río Porce [0728/7453 (USBGN)], 42 km NE of Medellín [0615/7535 (USBGN)] and 4 km N of Popalito [0630/7518 (USBGN)], which is on the river (MHA); Hershkovitz, 4 km NE, Jan. 1950 (FMNH; Blake, 1955:191 as "Bella Vista").

BELLAVISTA; Antioquia (2) Not located
In municipio of Caldas [0605/7538 (USBGN)], central southern Antioquia, Nicéforo, 5 Jan. 1968 (Iafrancesco, et al., 1986:45); the association with Caldas indicates that this cannot be the Bellavista (above), NE of Medellín [0615/7535 (USBGN)]; also see Finca Bellavista.

BELLAVISTA; Cauca Not located
1,500 m, 50 km SW of Popayán [0227/7636 (USBGN)], Pazos, 5, 7 Apr. 1972 (MVZ); possibly this is the Bellavista [not located] described as being in municipio of La Vega [0205/7650 (USBGN)] and near Santa Rita [0202/7650 USBGN)] (Dicc Geog.).

BELLAVISTA; Magdalena Not located
1,000 m, in Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Carriker, 1, 3 Oct. 1964 (MVZ); there are too many sites bearing this name within Magdalena to ascertain which is the appropriate one.

BELLAVISTA; Norte de Santander 0837/7304 (USBGN)
2,150 ft [650 m], pumping station on narrow ridge overlooking Río Tarrá [0839/7301 (USBGN)] to E, heavy forest, Carriker, 3-9 July 1943 (USNM); 25 km NE of Convención [0828/7321 (USBGN)] on eastern slope of northern Eastern Andes (IGAC [N. de Santander]).

- BELLAVISTA; Valle del Cauca** Not located
In valley of Río Anchicayá [0346/7710 (USBGN)] on western slope of Western Andes W of Cali [0327/7631 (USBGN)], various persons, 15, 23 Aug. 1943 (Lehmann, 1944c:413; ANSP).
- BELLO; Antioquia** 0620/7535 (USBGN)
ca. 1,500 m, in northern Central Andes on upper Río Porce [0728/7453 (USBGN)], 8 km N of Medellín [0615/7535 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1976b:6); Pérez, 5 Feb. 1967, Zamudio, 12 July 1968, Serna and Zamudio, 7 July 1968 (Serna, 1980:27, 64, 96).
- BELMIRA; Antioquia** 0639/7539 (USBGN)
2,400 m, in northern Central Andes on western side but with eastern drainage, on Río Chico [0629/7527 (USBGN)] 19 km W of Santa Rosa de Osos [0639/7528 (USBGN)] and 45 km NNW of Medellín [0615/7535 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1976b:5); Serna, at 2,800 m, June 1984 (Anonymous, 1991a).
- BELTRÁN; Cundinamarca (1)** ca. 0427/7354
ca. 2,970 m, east and above Fómeque [0429/7354 (USBGN)], which is on eastern slope of central Eastern Andes, 27 km SE of Bogotá [0436/7405 (USBGN)], forested, name "Páramo de Beltrán" has been used erroneously (de Schauensee, 1952a:1124); Apolinar, Mar. 1915 (FMNH); collector ?, date ? (Nicéforo, 1940:318, as "páramo de Beltrán").
- BELTRÁN; Cundinamarca (2)** 0448/7445 (USBGN)
223 m, on right bank of upper Río Magdalena [1106/7451 (USBGN)], 45 km S of Honda [0512/7445 (USBGN)] and 4 km NE of Ambalema [0447/7446 (USBGN)] (MHA); Borja, at nearby Hacienda Guacharacal [not located], dates ? (Borja, 1984).
- BELTRÁN, PÁRAMO DE** (Nicéforo, 1940:318); see Beltrán (1).
- BENANCIO, POTRERO DE** (USNM); see Venancio, Potrero de.
- BERLÍN; Santander** 0712/7254 (USBGN)
ca. 3,200 m, on edge of Páramo de Santurbán [0715/7252 (USBGN)], 30 km ENE of Bucamaranga [708/7309 (USBGN)] (Atlas, 1977); Carriker, 11, 20, 23 Sept., Nov. 1960, 5 Jan., 5 Apr., 12, 14, 17, 27 June 1964 (WVZ; YPM; LACMNH; LSU, MVZ); Carriker, 14, 17, 27 June, 17 July 1964 (MVZ); although there are at least two other sites with this name in Santander, identification is reasonably certain.

BERMEJA; Cauca; see La Bermeja.

BERMEJA, LA; see La Bermeja.

BERMEJAL; Cundinamarca ca. 0425/7420
Alt. ?, near La Aguadita [ca. 0425/7420], above Fusagasugá [0421/7422 (USBGN)], on western slope of central Eastern Andes, collector ?, date ? (Olivares, 1969b:77).

BERRÍO, PUERTO; see Puerto Berrío.

BETANCÍ CIÉNAGA; Córdoba 0824/7552 (USBGN)
ca. 75 m, small lake on Caribbean coastal plain near northwestern base of Serranía de San Jerónimo [0800/7550 (USBGN)], 37 km S of Montería [0846/7553 (USBGN)] (MHA); collector ?, date ? (Borrero & Hernández, 1958:277).

BETANIA; see Yarumal.

BETULIA; Cauca (MVZ); see La Betulia.

BETULIA; Santander 0655/7318 (USBGN)
ca. 1,500 m, on western slope of northern Eastern Andes overlooking upper Río Sogamosa [0713/7356 (USBGN)] valley, 10 km NNW of Zapatoca [0649/7317 (USBGN)] and 10 km SE of Montebello [0700/7325 (USBGN)] (MHA); Borrero & Hernández (1958:290) cite this as "Betulia, Hacienda Montebello" which seems to suggest that the hacienda is near Betulia (however, see Hacienda Montebello); Borrero & Hernández, 11, 15 Nov. 1956 (Borrero & Hernández, 1957a:358).

BETULIA, LA; see La Betulia.

BEURA, RÍO Not located
Rosenberg collection (collector ?), 27 Aug. 1912 (MCZ); must be in vicinity of Bogotá [0436/7305 (USBGN)], as the specimen is that of *Odontophorus strophium*, known only from the temperate zone in that general area.

BITACO; Valle del Cauca 0336/7636 (USBGN)
4,400 ft. [1,350 m], on Pacific slope of Western Andes, 16 km SE of Dagua [0340/7641 (USBGN)], on Río Bitaco [0346/7638 (USBGN)] which flows into Río Grande [0346/7640 (USBGN)], a tributary of Río Dagua [0352/7704 (USBGN)] (Mapa, Valle, 1973); Palmer, as either "Bitaco" or

"Río Bitaco," 14, 15, 29 Apr., 1-6, 11-12 May, 20 June 1908 (MCZ); Carriker, 18-22, 24-27 June, 2-6, 8 July 1918 (FMNH, as "Bitco Valley"; UMMZ; CM, as "Bitaco Valley"; Todd, 1928, Ann. Carnegie Mus., 18:361, as "Bitco Valley"); Lehmann, as "Dagua Bitaco," June 1957 (FMNH); Willis, 9-12 Mar. 1962 (Willis, 1966c:71; 1988:138); Borrero, 17 Apr. 1973 (Borrero, 1980:2); Cantillo, 1983:72. as "Valle Bitaco".

BITACO, RÍO (MCZ); see Bitaco.

BITACO, VALLE (Cantillo, 1983:72); see Bitaco.

BITACO VALLEY (FMNH); see Bitaco.

BITCO VALLEY (FMNH); see Bitaco.

BLANCAS, LAS; see Las Blancas.

BLANCO, RÍO; Caldas 0508/7528 (USBGN)
Small river rising on the western slope of the Central Andes, NE of Manizales [0505/7532 (USBGN)], in southern Caldas (IGAC [Caldas]); Aranga, at Cuenca Hidrográfica, at 2,450 m, 20 July 1976 (Graves & Restrepo, 1989:371); Renjifo, on watershed at 0504/7532 (Renjifo, 1991:685), altitude ?, 5 June 1989 (Renjifo, 1991:685).

BLANCO, RÍO; Putumayo Not located
On eastern spur of southern Andes, Lehmann, at 2,100 m, subtropical, 23 June (Lehmann, 1960a:271), 27 Oct. 1958 (MVZ, also as "Río Branco"); possibly this is the Río Blanco at 0048/7709 (USBGN) or the one at 0046/7721 (USBGN).

BLANCO, RÍO; Valle del Cauca ca. 0336/7650 (Mapa, Valle, 1973)
Short tributary of Río Dagua [0336/7657 (USBGN)], flowing from N, joining it ca. 2 km E of La Cascada [0336/7651 (USBGN)] on old Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road on western slope of Western Andes (Mapa, Valle, 1973); Batty, June 1898 (MCZ); Sibley, at 2,000 ft [600 m] apparently where road meets river 11 mi [18 km] NW of Queremal [0331/7643 (USBGN)], 26 June 1956 (Sibley, 1958:449; CU); Lehmann, at 680 m, 2 June 1957 (MVZ); Borrero, at 700-800 m, 1,300-1,400 m, date ? (Hilty, 1977:45, 48); Borrero and Cataño, at 1,300-1,400 m, 10 Feb. 1970 (Stiles & Alvarez-López, 1995:607-608); Londoño, et al., in valley within municipio of Manizales [not located], ca. 16 Oct. 1988 (Anonymous, 1989).

BLONAY; Norte de Santander ca. 0745/7233
Settlement in municipio of Chinácota [0745/7233 (USBGN)] on eastern side of Eastern Andes, ca. 30 km SSW of Cúcuta [0754/7231 (USBGN)] (Dicc. Geog.); Nicéforo, 24 Aug., 26 Nov. 1950 (Nicéforo & Olivares, 1968:283, as "Blonay (El Diamante)"; Iafrancesco, et al., 1985:64, as "El Diamante, Blonay"; 1986:55, as "El Diamante--Blonay"); even though it is not particularly near, presumably the El Diamante associated with this locality is the one at 0734/7238 (USBGN).

BOAVITA; Boyacá 0620/7235 (USBGN)
2,203 m, 10 km E of Soatá [0620/7241 (USBGN)], on Quebrada Ocalaya [ca. 0618/7239 (IGAC [Boyacá]), a small tributary of Río Chicamocha [0646/7312 (USBGN)], on western slope of interior northern Eastern Andes (MHA; IGAC [Boyacá]); Nicéforo, date ? (Nicéforo, 1945:390; ANSP).

BOCA DE CHIMÍ (Chapman, 1917:642); see Bocas de Chimí.

BOCA DE LA CAÑA (MHA); see La Caña.

BOCA DEL MONTE; Boyacá ? Not located
ca. 2,250 m, on trail from El Cocuy [0625/7227 (USBGN)] across Eastern Andes to the llanos, on eastern slope NW of and near Chinivaque [0609/7220 (USBGN)], Carriker, 4-6 Apr. 1917 (Todd, 1942, Ann. Carnegie Mus., 29:366; de Schauensee, 1948a:286; ANSP); possibly in Casanare, but the Boca del Monte at 0609/7159 (USBGN) is too far E to be Carriker's locality if it has been described correctly.

BOCA DE TORO Not located
Batty, 29 May 1898 (MCZ); probably in Cauca or Valle del Cauca, where Batty is known to have worked.

BOCA GRANDE; Cundinamarca 0418/7407 (de Schauensee, 1948a:286)
3,665 m, small páramo and several lakes on northern edge of Páramo de Sumapaz [0345/7425 (USBGN)], 31 km S of Bogotá [0436/7405 (USBGN)] (de Schauensee, 1948a:286); not on our maps; Lehmann, at 4,000 m, 14 Sept. 1942 (Lehmann, 1946:221, as "Lagunas del Páramo de Boca Grande"); Olivares, 1969b:91, as "Páramo de Boca Grande."

BOCA GRANDE; Nariño 0148/7853 (USBGN)
Town short distance W of Tumaco [0149/7846 (USBGN)], southwestern Nariño (Dicc. Geog.); not shown on our maps; Hilty, 6 Sept. 1979.

- BOCAGRANDE, ISLA;** Nariño Not located
Island 10 km W of Tumaco [0149/7846 (USBGN)], Salaman and Giles, 12-13 Sept. 1994 (Salaman, 1995:34); presumably the location of the town of Boca Grande [0148/7853 (USBGN)], although does not appear on our maps.
- BOCA GRANDE, LAGUNAS DEL PÁRAMO** (Lehmann, 1946:221); see Boca Grande, Cundinamarca.
- BOCAGRANDE, PÁRAMO DE** (Olivares, 1969b:91); see Boca Grande, Cundinamarca.
- BOCA MURINDÓ;** Antioquia ca. 0657/7647 ?
Almost certainly this is the mouth of Río Murindó [0657/7647 (USBGN)], in western Antioquia, where it joins the Brazo de Murindó [0704/7654 (USBGN)], a tributary of the Río Atrato [0817/7658 (USBGN)]; Carriker, 8, 10 Feb. 1918 (Todd, 1942, Ann. Carnegie Mus., 29:365, 366; CM).
- BOCAS DE ARACATACA;** Magdalena 1046/7423 (USBGN)
Sea level, town at mouth of Río Aracataca [1046/7422 (USBGN)], a short river rising in the lowlands on the western side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] near Aracataca [1036/7412 (USBGN)] and which discharges into Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] (MHA); Carriker, 12 Sept., [4] 5-13 [15] Oct. 1913 (Todd & Carriker, 1922:129, as "Trojas de Cataca"; Carriker, 1959b:219, as "Trojas de Cataca"; CM; ANSP, as "Trojas de Cataca").
- BOCAS DE CENIZA;** see Ceniza, Bocas de.
- BOCAS DE CHIMÍ;** Bolívar 0857/7401 (USBGN)
50 m (de Schauensee, 1948a:286); on left bank of Brazo de Loba [0920/7442 (USBGN)], 8 km W of where it branches off from Río Magdalena [1106/7451 (USBGN)] and 2 km E of San Martín de Loba [0857/7403 (USBGN)] (Atlas, 1977, as "Chimí"); Miller and Boyle, 6 Nov. 1914 (Chapman, 1917:58, 642, as "Boca de Chimí").
- BOCHALEMA;** Norte de Santander 0737/7239 (USBGN)
1,170 m, on left bank of Río Pamplonita [0820/7221(USBGN)], 28 km N of Pamplona [0723/7239 (USBGN)] and 34 km SSW of Cúcuta [0754/7231 (USBGN)] on eastern slope of northern Eastern Andes (MHA); Nicéforo, 1 Aug. 1944 (Nicéforo, 1945:393; ANSP).
- BODEGA** (Miller, 1952a:455); see La Bodega, Huila.

BODEGA, LA; see La Bodega.

BOGOTÁ; Cundinamarca

0436/7405 (USBGN)

2,590 m, in southeastern part of Sabana de Bogotá, the treeless temperate tableland ca. 100 km long and a maximum of 50 km in width, in central portion of Eastern Andes (MHA); source of commercial specimens beginning as early as 1838 or 1839 (Sclater, 1855b:131, as "Santa Fe di Bogotá"); although labeled "Bogotá," most of the specimens, which are known as "Bogotá trade skins," came from elsewhere, particularly at lower altitudes on both sides of the Eastern Andes (see, e.g., Chapman, 1917:11-15); until recently very few specimens were collected in Bogotá itself; among collectors who have worked in Bogotá or in region are: Goudot, ca. 1828 (Palmer, 1918:240); Rieffer, 1843 (Sclater, 1855b:134); Wallace, 1884 (LSU); Boucard, 1886 (FMNH; LSU); Detwiler, 28 Mar. 1888, 5 Jan. 1889 (Stone, 1899:312); Anderson, Apr. 1888 (FMNH); collector, May 1892 (CM); Chapman, et al., 14-18 Feb. 1913 (Chapman, 1917:642); Fuertes, 21 Jan., 19, 21 Feb. 1913 (CU); Cherrie, Mar. 1913 (LSU); Nicéforo, 1918 (UMMZ), 1 Nov. 1921 (MCZ), 15 Nov. 1921 (Friedmann, 1947:477), Sept., 1 Oct., 1 Nov. 1922, Feb. 1923 (MCZ), Nov. 1938, June 1943 (Friedmann, 1947:476, 483), 24 May 1942 (ANSP), 10 Oct. 1943 (Nicéforo, 1947:366); Marinkelle, 27 Aug. 1935 (YPM); Marinkelle, nearby, 4 Mar. 1922, 3 Aug. 1924 (MVZ); von Sneider, various times 1940-41 (FMNH); Olivares, 12 Sept. 1943 (Borrero, 1946:173), Oct. 1943 (MVZ), 8 Dec. 1958 (LACMNH); Borrero, 11 Nov. 1943 (Borrero, 1945b: 418); Durham, 6 Jan., 29 Apr. 1945, 3 km E, at 3,100 m, 16 Feb. 1945 (MVZ); A. H. Miller, 3 km E, at 3,100 m, 6, 9 Jan., 14, 16 Feb., 5 km E, 9 Jan., 14 Feb., 5 km NNE, at 2,800 m, 16, 18, 20, 22 Feb. 1945, 5 km W, at 3,100 m, 14 Feb. 1945 (MVZ); Borrero, 4 June 1945 (LACMNH); Cortés, 7 Nov. 1945 (Borrero, 1947:497); Whitely, date ? (CU); Barret, date ? (YPM); Nicéforo, at San Benito [not located; Dicc. Geog. indicates S of Usme, 0428/7408 (USBGN)], 12 Dec. 1946 (Serna, 1980:35); Borrero, 28 Aug., 11 Sept. 1948 (LACMNH); Dugand, 3 Apr. 1951 (LACMNH); Hernández, 24 Nov. 1951 (MVZ); Borrero, 29 Apr., 26 June 1952, 2 May 1957 (LACMNH); Borrero and Bernal, May 1959 (FMNH); Borrero, 14 May 1959 (LACMNH); Hernández, 3 May 1959 (ANSP); Arvey, 21, 23-24, 28 Sept., 3-4, 8, 12, 15-16 Oct., 3 Nov., 9 Dec. 1959, 4 Feb. 1960, Olivares, 31 Oct. 1959, Bernal, 22 Jan., 12 May 1960 (LACMNH); Robinson, date ?, Butler, date ?, Marinkelle, 30 Oct. 1965, 16 Jan, 3, 16, 23-24 June, 20, 24 July, 1 Nov., 20 Dec. 1966, 8 July, 24 Aug., 2-3 Nov. 1967, 28 Feb. 1968, 8 Apr., 1 Nov., 13 Dec. 1969, 13 Jan., 13 Feb. 1970, , collector ? [Marinkelle ?], 3 Feb. 1963, 4 May, 14 Aug. 1964, 20 Jan., 12 Feb., 10 Sept., 23 Oct., Dec. 1965, 3 May, 14 Oct., 9 Nov., 12 Dec. 1966, Apr., 14 Sept. 1967, 13 Nov. 1970 (WVZ; UMMZ);

LACMNH); observers ?, July 1991, Oct. 1992, Jan. 1994 (Barrera & Feliciano, 1994:363); assumed to have been nearby is Marinkelle, at "páramo Bogotá," 4 Mar. 1965 (LACMNH) and Nicéforo, at "páramo of Bogotá," Nov. 1922 (MCZ), at "páramo of Bogotá, east of Bogotá," 30 Oct. 1930 (Friedmann, 1947:475), and at Chorro de Padilla [not located but seems to be within city of Bogotá], date ? (Nicéforo, 1940:319); Nicéforo and Olivares, 24 Oct. 1963 (Nicéforo & Olivares, 1964:21); from "Sabana de Bogotá," which at least in later years has been used for the city of Bogotá in an attempt to differentiate specimens actually from Bogotá from the old "Bogotá" trade skins (see, e.g., Chapman, 1917:642, and de Schauensee, 1948a:287) were: Chapman, Cherrie, et al., 19 Feb. 1913 (Chapman, 1924c:14), Ring, 18 Feb. 1913 (Chapman, 1914:169), collector ?, 1915 (Nicéforo, 1947:319), Nicéforo, Nov. 1925 (Friedmann, 1947:473), collector ?, 3 Dec. 1939 (UNC), Dugand, 15-20 Oct. 1943 (Dugand, 1945b:402), Ospina, 20 Oct. 1943 (Borrero, 1946:169), Nicéforo, 13 Aug. 1944, 15 Mar., 12 Apr., 2 May, Dec. 1949 (Serna, 1980:49, 83; ANSP); Borrero and Lumsden, 30 Jan. 1950 (Borrero, 1952b:9); collector ?, 26 Dec. 1953 (LACMNH); Schmidt-Marloh & Schuchmann, July-Aug. 1976 (Schmidt-Marloh & Schuchmann, 1980:61); Hilty, mid-Aug. year ?, 3 June year ?, Brown, Mar. year ? (Hilty & Brown, 1986:145, 216, 593); other records from Sabana de Bogotá are cited under specific localities on the savanna (e. g., Suba, Laguna de la Herrera, Ciudad Universitaria, Subachoque, etc).

BOGOTÁ, DISTRITO ESPECIAL DE 0415/7410 (USBGN)
 Administrative division within Cundinamarca extending as a ca. 5-10 km wide strip from northern suburbs of Bogotá [0436/7405 (USBGN)] ca. 140 km SSW to NE border of Huila and NW Meta; not differentiated from Cundinamarca in this gazetteer nor by Olivares in his *Aves de Cundinamarca* (1969).

BOGOTÁ, SABANA DE; see Bogotá.

BOITA; Cundinamarca 0502/7351 (USBGN)
 2,700 m, on northern Sabana de Bogotá, between Gachancipá [0500/7353 (USBGN)] and Suesca [0506/7348 (USBGN)], Lehmann and Borrero, date ? (Dugand, 1943b:201); not on our maps.

BOJABÁ; Boyacá ca. 0658/7200 (IGAC [Arauca])
 ca. 100 m, on left bank of Río Bojabá [0701/7158 (USBGN)], a tributary of upper Río Arauca [0724/6635 (USBGN)], 5 km from mouth (IGAC [Arauca]); von Sneider, at Bojabá and on Río Bojabá [where ?], both at 800 ft [250 m], Mar. 1959 (FMNH; Blake, 1961:26).

- BOJABÁ, RÍO; Boyacá/Arauca** 0701/7158 (USBGN)
Rises on eastern slope of northern Eastern Andes and flows NE to Río Arauca [0724/6635 (USBGN)], forming part of boundary between Boyacá and Arauca, with town of Bojabá [ca. 0658/7200 (IGAC [Arauca]) on Boyacá side of river near mouth (MHA; IGAC [Arauca]); von Sneider at Bojabá and on Río Bojabá [where ?], both at 800 ft [250 m], Mar. 1959 (FMNH; Blake, 1961:26).
- BOJACÁ; Cundinamarca** 0444/7421 (USBGN)
2,843 m, on western edge of Sabana de Bogotá, 33 km WNW of Bogotá [0436/7405 (USBGN)] and 9 km W of Madrid [0444/7416 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1965:39).
- BOLÍVAR, DEPARTAMENTO DE** 0900/7440 (USBGN)
Northern Colombia on Caribbean, bordered on NE by Atlántico, on E by Magdalena and Cesar, on S and SW by Antioquia, and on W by Sucre; mainly lowlands with northern extension of Western Andes, the Serranía San Jacinto [0940/7520 (USBGN)], reaching southern portion; Cartagena [1025/7532 (USBGN)] principal city.
- BOLÍVAR, SABANAS DE; Bolívar** Not located
Presumably applied to the savannas of central Bolívar; collector, date ? (Borrero, 1972b:398).
- BOLO, RÍO; Valle del Cauca** 0332/7628 (USBGN)
Affluent of upper Río Cauca [0854/7428 (USBGN)], rising on western slope of Central Andes SE of Palmira [0332/7616 (USBGN)], reaching the Cauca 17 km NNE of Cali [0327/7631 (USBGN)] (MHA); Lehmann, near mouth, 25 Aug. 1959 (Lehmann, 1960b:276).
- BOLO AZUL; Valle del Cauca** 0327/7603 (USBGN)
ca. 3,000 m (Negret & Acevedo, 1990), in southeastern part of state near Tolima border, 18 km E of Pradera [0325/7615 (USBGN)] and 27 km ESE of Palmira [0332/7616 (USBGN)], (Mapa, Valle, 1973); Negret and Acevedo, Nov. 1989 (Negret & Acevedo, 1990).
- BOLOMBOLO; Antioquia** 0600/7549 (USBGN)
ca. 1,500 m, on eastern bank of middle Río Cauca at western base of Central Andes, 34 km SW of Medellín [0615/7335 (USBGN)], 2 km NE of mouth of Río San Juan [0847/7631 (USBGN)] (MHA); Serna, 10 June 1966, 25 July 1967, Serna and Alvarez-López, 5 Mar. 1968 (Serna, 1980:12, 41).

BOMBACHO (MHA); see San Carlos, Bolívar.

BOMBEO GUAMUÉS, ESTACIÓN DE; see Guamués, Estación de Bombeo.

BONDA; Magdalena 1114/7408 (USBGN)
ca. 150 ft [50 m], on Río Manzanares [1144/7413 (USBGN)], where joined by Quebrada Matogiro [1114/7407 (USBGN)], 9 mi [15 km] E of Santa Marta [1115/7413 (USBGN)], semi-arid, Brown, Dec. 1897-Feb. 1898, specimens from here up to 6,000 ft [1,850 m] and labelled "Santa Marta" or "Santa Marta Mountains" (Todd & Carriker, 1922:109); Smith, 17, 27-28, 30 June, 2-3, 11, 13, 17, 22-23, 28 July, 2, 5, 11, 15-18, 22-24, 27, 30-31 Aug., 3, 5-7, 12, 27 Sept., 1, 3, 5-8, 11, 13, 28, 31 Oct., 1, 3-4, 7-9, 11-13, 15-23, 28, 30 Nov., 1, 5-7, 9, 12-14, 17-20, 22, 27 Dec. 1898, 5-7, 9, 12, 14, 28, 31 Jan., 2-4, 6, 9, 11, 16, 18, 21-23, 25 Feb., 24, 28, 30 Mar., 10-11, 13-16, 18-21, 23-24, 26-27, 30 Apr., 1, 4, 6, 8, 13, 22-24 May, 6 June, 26 July, 2, 16, 24-25 Aug., 10-16, 20-21, 23-26, 18 Sept., 2, 4, 6-9, 11-13, 16-21, 24-25, 27 Oct., 1, 13, 28 Nov. 1899, 15, 22 Feb., 19-20, 24 Apr., 7 May, 17 June, 18-19, 30 July, 11, 18-21, 25-26 Sept., 1-2, 8-9, 11, 13, 15 Oct. 1900, Jan., 6-7, 10, 13, 19 Feb., 11 Apr. 1901, Edmondson, 6, 10, 14-15 Jan., 6, 8, 12, 16-17, 21 Feb., 3, 6, 13, 15-16, 18-10, 28-29 Mar., 10-17, 20-22, 24, 27-28 Apr., 12 May, 9, 13, 17 June, 23 July, 17-18, 22, 29 Sept., 10, 23 Oct., 3, 8, 28-29 Nov., 22 Dec. 1899, 6 Jan., 10 Apr., 27 Sept. 1900, Hull, 20 June, 26 July, 3, 9, 17, 23 Aug., 1, 6-7, 14 Sept., 6, 8, 10 Oct. 9, 12, 16, 19, 22-23 Nov. 1898, 10, 13, 26 Jan., 4, 6, 8, 16, 18 25 Feb., 27 Apr., 30 June, 10 Aug., 13, 20-21, 26-29 Sept., 3, 5, 11-12, 14, 16, 18, 20, 24 Oct., 2 Nov. 1899, 26 Sept. 1900 (CM; UMMZ); some material from higher elevations (Allen, 1900a:124ff; Todd & Carriker, 1922:109; UMMZ; Todd, 1916, Proc. Biol. Soc. Washington, 29:98); Von Sneidern, 25 Apr. 1941 (ANSP); Carriker, 21-24, 26-28, 30-31 Oct., 1-7, 9-11 Nov. 1959, 4-6, 8-15, 18-20, 22-23, 28-29 Feb., 1, 4-7, 9, 12-13, 16-18 Mar., 25 Apr., 28 May, 2 June, 15 July 1960 (WVZ; YPM; FMNH; LACMNH); Lamb and Sheffler, Nov. 1959 (LSU).

BONITO, ALTO; see Alto Bonito.

BOQUERÓN; Antioquia ca. 0617/7537 (Atlas, 1977)
ca. 1,700 m, on northwestern outskirts of Medellín [0615/7335 (USBGN)] in northern Central Andes (Atlas, 1977); "E. G.," 20 July 1967 (Iafrancesco, et al., 1988:107); collector ?, at Cerro Azul [not located], 23 Mar. 1974, 3 July 1975, 1 May 1976, Serna, at Cerro Azul, 20 July 1967, 18 July 1969, 13 Aug. 1971, 23 Mar. 1974, 19 Apr. 1975, Serna and Pérez, at Cerro Azul, 20 July 1967, Serna and Acosta, at Cerro Azul, 20

July 1967, Serna and Alvarez-López, at Cerro Azul, 13 Aug. 1971 (Serna, 1980:26, 35-36, 44, 58, 68, 92-93).

BOQUERÓN; Tolima 0416/7433 (USBGN)
ca. 400 m, in upper Magdalena valley at base of Eastern Andes, on Río Sumapaz [Río Fusagasugá, 0416/7447 (USBGN)], 13 km NE of Melgar [0412/7439 (USBGN)], on Tolima/Cundinamarca border (Atlas, 1977); Batty, 8, 20 Nov., 10 Dec. 1901 (CU); Lehmann, mid-Nov. 1944 (Lehmann, 1945:94, 97); de Schauensee (1948a:311, as "Boquerón de Melgar") puts at 900-1,100 m, but this seems high; USBGN uses both "Boquerón" and "El Boquerón"; Olivares, 1969b:371, as "Boquerón de Melgar, Cundinamarca."

BOQUERÓN DE MELGAR (de Schauensee, 1948a:311); see Boquerón.

BOQUETE Not located
Batty, 3 July, 3, 5 Sept., 10 Sept. 1901 (CU; UMMZ); possibly in Valle del Cauca, Cauca, or Tolima, where Batty is known to have worked (at the latter in late 1901), or perhaps this is Punta Boquete [not located], Chocó, said to be in municipio of Juradó [0700/7740 (USBGN)] (Dicc. Geog.).

BOQUILLA; (Hilty & Brown, 1986:164, 171, 178) see La Boquilla.

BOQUILLA, LA; see La Boquilla.

BORDO, EL; see El Bordo.

BORDONCILLO, EL (de Schauensee, 1952a:1127); see Bordoncillo, Volcán.

BORDONCILLO, PÁRAMO DE (de Schauensee, 1952a:1125); see Bordoncillo, Volcán.

BORDONCILLO, VOLCÁN; Nariño 0112/7707 (USBGN)
3,700 m, at base of Central Andes near their juncture with Western Andes, 20 km E of Pasto [0113/7717 (USBGN)] (MHA, as "Volcán el Bordoncillo"); F. K. Lehmann, on flanks, 1876 (de Schauensee, 1952a:1125, as "Páramo de Bordoncillo" and p. 1127, as "El Bordoncillo"); Hartert, 1892:346, as "Bordonillo."

BORDONILLO (Hartert, 1892:346); see Bordoncillo, Volcán.

BORHUR; Boyacá Not located
Marinkelle, Feb. 1964 (WFFVZ); probably a misspelling.

BOSA; Cundinamarca 0437/7411 (USBGN)
2,573 m, on Sabana de Bogotá on western outskirts of Bogotá [0436/7405 (USBGN)] near Techo Airport [ca. 0436/7408] and 6 km NE of Soacha [0435/7413] (MHA; de Schauensee, 1948a:288); collector ?, 2 Aug., year ? and date ? (Borrero, 1946:170; 1972b:401; Dugand, 1948a:174); Olivares, 16 Dec. 1958 (LACMNH); Nicéforo & Olivares, 1966:389, as "Rosa."

BOSCONIA; Cesar ca. 0958/7351 (IGAC [Cesar])
ca.100 m, in northwestern Cesar, 88 km SW of Valledupar [1050/7340 (USBGN)] on railway and highway (Atlas, 1977; IGAC [Cesar]); collector ?, between Algarrobo [ca. 1009/7401 (Atlas, 1977)] and Bosconia, date ? (Borrero, 1972b:396).

BOSQUE, EL; see El Bosque.

BOSTÓN; see Medellín.

BOTERO; Antioquia 0632/7515 (USBGN)
1,087 m (USNM); in northern Central Andes on railway in valley of middle Río Porce [0728/7453 (USBGN)], 48 km NE of Medellín [0615/7535 (USBGN)] and 20 km W of Cisneros [0633/7504 (USBGN)] (MHA); Carriker, 17-26, 28-31 Aug., 1-2, 4-9 Sept. 1950 (USNM).

BOY, PUERTO; see Puerto Boy.

BOYA, CAYO DE LA; see La Boya, Cayo de.

BOYACÁ, DEPARTAMENTO DE 0530/7230 (USBGN)
Central Colombia, embracing a large portion of western slope of central Eastern Andes and some of eastern slope, and extending W to Río Magdalena [1106/7451 (USBGN)]; bordered on N by Santander, Norte de Santander, and Venezuela, on E by Arauca and Casanare, on SE by a small portion of Meta, on S and SW by Cundinamarca, and on W by Antioquia; central portion drained by Río Chicamocha [0646/7312 (USBGN)]; major lake is centrally located Laguna de Tota [0533/7255 (USBGN)]; principal city is Tunja [0531/7322 (USBGN)].

BOYACÁ, PUERTO; see Puerto Boyacá.

BRANCO, RÍO (MVZ); see Blanco, Río, Putumayo.

BRAVA, PLAYA; Magdalena 1119/7406 (USBGN)
Sea level, at head of Ancón Guairaca [Ensenada de Gayraca, 1120/7407

(USBGN)] on Caribbean coast, 15 km NE of Santa Marta [1115/7413 (USBGN)] (MHA); Edmondson, 19 Feb. 1899 (CM); Smith [probably an error for Edmondson], date ? (Todd & Carriker, 1922:121); see, also, Gayraca, Ensenada de.

BRAVO, RÍO; Valle del Cauca ca. 0350/7635 (Atlas, 1977)
Small river feeding upper Río Calima [0408/7704 (USBGN)] on western side of Western Andes (Atlas, 1977); collector ?, date ? (Cantillo, 1983:72).

BRISAS, LAS; see Las Brisas.

BROQUELES, RÍO; Córdoba 0913/7610 (USBGN)
Short river entering the Caribbean at Punta Broqueles [0914/7610 (USBGN)], 40 km W of Lorica [0914/7549 (USBGN)] (MHA, as "Río Broquelles"); Haffer, ca. 1958 (Haffer, 1959:16).

BROQUELLES, RÍO (MHA); see Broqueles, Río.

BRUJAS, LAS (Olivares, 1969a:179); see Puerto Inírida.

BUCARAMANGA; Santander 0708/7309 (USBGN)
1,008 m, on western slope of northern Eastern Andes, 83 km E of Barrancabermeja [0703/7352 (USBGN)] and 50 km SW of Pamplona [0723/7239 (USBGN)] (MHA); Wyatt, briefly in nearby savannas and scrub, Feb., Mar. 1870 (Wyatt, 1871:125, 322, 327); "native-made" specimens in Lorent collection, ca. 1870s, in Petersen collection, ca. 1870s, and in Minlos collection prior to ca. 1883-85, all recorded as "Bucaramanga" but doubtless coming from other localities as well (Berlepsch, 1884:273ff; 1886:53-57); Carriker, 1916 (Carriker, 1955:57), 29-31 Jan. 1917 (CM), 1941 (USNM); collector ?, 1930 (Iafrancesco, et al., 1986:66); Olivares, 8 May, year ? (Borrero, 1955:8); Carriker, 21 Aug., 6, 18, 22, 29 Sept., 10, 25 Nov. 1960, 5 May, 11, 20 July, 7-8, 17, 24-25, 28 Aug., 1, 8, 18, 20-21 Sept., 1, 4, 14 Oct., 1, 9, 11, 18 Nov., 10 Dec. 1961, 9 May, 17 Sept., 8 Oct. 1962, 21 July, 1, 20 Aug., 17 Nov., 17 Jan., 2 Feb., 19 June, 18 Sept., 11 Nov., 26 Dec. 1964, 12 Jan. 1965 (WVZ; YPM; MVZ; LACMNH); Romero, 31 Mar., 16 Apr., 29 May, 5 Oct., 27 Dec. 1970, 28 Feb., 24 Mar., July, 12, 19, 29 Aug., 14 Oct., 22 Nov. 1971, 23 Apr., 10 July 1972 (Olivares & Romero, 1973:53ff); Hilty, above Bucaramanga at 2,400 m, June year ?, Hilty and Hall, E of Bucaramanga at 1,800 m, 11 June 1978 (Hilty & Brown, 1986:212, 248); Nicéforo, at Km 115 on Bucaramanga/Pamplona highway, 6 June 1948,

and on same highway, where ?, 6 June 1949 (Serna, 1980:49, 74),
Iafrancesco, et al. (1988:117), place at Km 15.

BUELTAS, RÍO (de Schauensee, 1948a:301); see Garrapatas, Río.

BUENAVENTURA; Valle del Cauca 0353/7704 (USBGN)
Sea level, major port on Pacific, across Bahía de Buenaventura [0348/7717 (USBGN)] from mouth of Río Dagua [0352/7704 (USBGN)] (MHA); Delattre, before 1846 (Delattre & Bourcier, 1846:305); Goodfellow and Hamilton, Feb. 1898 (Goodfellow, 1901:300); André, 11, 18, 23 Mar. 1899 (Simon & Dalmas, 1901:216; Hellmayr, 1911:1159); Richardson, 23-28 Mar. 1911 (Chapman, 1917:22, 642); Murphy, 14 Mar. 1925 (Murphy, 1936:316); Lehmann, at mouth of Río Dagua, 18 Mar. 1947 (MVZ); Wallace, 9 Sept. 1955 (Wallace, 1958:180); Lehmann, at Río Pepitas [not located], at 1,000 m, 17 Aug., 22 Nov. 1958 (MVZ); A. H. Miller, 4 Jan. 1959 (MVZ); collector ? [Marinkelle ?], 15 Mar, 14 Apr., 4 Dec. 1962, 4 Feb., 4, 8, 13 Mar., 4 Apr. 1963, Dec. 1966, Marinkelle, 8 Mar., 1-2 Dec. 1962, 4, 13 Jan., 1, 14 Feb., 4 Mar., 3, 8 Apr. 1963, 13 May 1964, 4 Dec. 1966, nearby, 13 Dec. 1966 (WVZ; UMMZ; LACMNH); Borrero, 9 Aug. 1968 (Borrero, 1968b:27); Borrero, date ? (Borrero, 1974:210); collector ?, date ? (Borrero, 1970b:702; 1972b:400); Hilty, in harbor, 19 June 1975, Gochfeld and Keith, in harbor, 4 Feb. 1977 (Gochfeld, et al., 1980:197); Hilty and Alden, 3 Mar. 1979, Hilty, 19 Jan., Mar. 1978, Hilty, et al., Aug. 1977, June 1981, in harbor, 7 July 1975, Pujals, Aug. 1980; observer ?, 29 Mar. 1976, Ridgely, in harbor, 5 May 1976 (Hilty & Brown, 1986:156, 184, 211, 447, 520, 526, 615, 666, 670); Sibley, 7 mi [11 km] E at Km 130, at 50 ft [15 m], 15 June and 11 mi [18 km], at Km 124, at 50 ft [15 m], 15 June 1956 (CU); see also Santander, Parque.

BUENAVENTURA, BAHÍA DE; Valle del Cauca 0348/7717 (USBGN)
Major bay on Pacific coast (MHA); Lehmann, 10 Feb. 1957 (Lehmann, 1957:104); Borrero, ca. Nov. 1965 (Borrero, 1968c:37); Hilty, 19 June 1975, Hilty, et al., 31 July 1976, 19 Jan. 1978, 3 Mar. 1979 (Hilty & Brown, 1986:161, 173, 178, 183); Whitney, et al., in Buenaventura [0353/7704 (USBGN)] harbor, 9 Jan. 1983, Blokpoel, et al., in bay near Buenaventura, 13 Feb. 1983 (Blokpoel, et al., 1984); Naranjo, et al., Aug. 1982-Feb. 1983 (Naranjo, et al., 1987:26); Naranjo, et al., in bay, winters 1982-1985 (Naranjo, et al., 1994:195); Hilty and Ridgely, 9 Feb. 1984 (Hilty & Brown, 1986:152); Naranjo and Franke, 18-19 Nov., 24, 26, 27 Dec. 1984, 26-28 Jan., 17-21 Feb., 31 Mar., 1 Apr. 1985, 22 Dec. 1992, Naranjo, 28 Sept. 1990, 22 July 1992 (Naranjo & Franke, 1995:13-14); Naranjo, et al., July 1992 (Naranjo, 1993:30); formerly "Bahía del Chocó" (de Schauensee, 1948a:288); also see Saldado, Punta.

BUENAVISTA; Cauca 0205/7714 (USBGN)
2,100 m, Lehmann, 10 June 1937 (Lehmann & Haffer, 1960:250); not on our maps but coordinates indicate on eastern slope of southern Western Andes above Patía [0213/7840 (USBGN)] valley; identification uncertain.

BUENA VISTA; Huila. ca. 0150/7557 (MHA)
ca. 2,000 m, on western slope of Eastern Andes, near head of Magdalena Valley, 10 km ESE of Pitalito [0151/7602 (USBGN)] (MHA; Atlas, 1977); curiously, this locality is not listed by USBGN; collector ?, date ? (de Schauensee, 1948a:288; 1952a:1175; Olivares, 1958a:235); von Sneidern, 1-2, 4, 13-15, 19-31 July, 26, 31 Aug., 5 Sept. 1942 (UMMZ; ANSP).

BUENAVISTA; Meta 0410/7341 (USBGN)
1,112 m, on lower eastern slope of central Eastern Andes, on last ridge before llanos, 5 km WNW of Villavicencio [0409/7337 (USBGN)] (MHA); heavily wooded (Chapman, 1917:642); probable source of many "Bogotá" specimens (de Schauensee, 1948a:288); Chapman, Fuertes, et al., 28 Feb.-15 Mar. 1913 (Chapman, 1917:51, 642, as "Buena Vista"; CU, as "Buena Vista"); Carriker, 14, 22 Aug. 1916 (YPM); collector ?, 1922, 1930 (Iafrancesco, et al., 1989:140, 153); Lehmann, date ? (Dugand, 1942:75); collector ?, date ? (Nicéforo, 1940:314); Nicéforo, 5 Dec. 1942 (Serna, 1980:90), 24 Jan. 1945 (Nicéforo, 1947:334); Nicéforo, between Buenavista and Villavicencio, 1,050 m, Jan. 1939 (Nicéforo, 1945:376).

BUENAVISTA; Nariño 0129/7805 (USBGN)
1,200 ft [350 m] (Chapman, 1914:189); on Pacific slope, 20 km SE of Barbacoas [0141/7809 (USBGN)] (de Schauensee, 1948a:289); Richardson, 24 Sept. (CU), 27 Sept. (Chapman, 1914a:189), 28 Sept. (Chapman, 1914a:382), 30 Sept. (Chapman, 1914a:188), 1-7 Oct. [?] 1912 (Chapman, 1917:49-50, 643); the October dates may be incorrect, as other dates from Richardson's expedition are erroneous (see Barbacoas).

BUENA VISTA; Putumayo ca. 0025/7625
ca. 200 m (MHA); on upper Río Putumayo [0307S/6758 (USBGN)], ca. 30 km downstream from Puerto Asís [0030/7631 (USBGN)] on Ecuador border, small Indian village, Rylander, 15-30 Dec. 1970, 15-22 Aug. 1972 (Rylander, 1978:113); not on our maps.

BUENOS AIRES; Cauca 0302/7638 (USBGN)
1,075 m, in upper Cauca Valley, close to Valle del Cauca border, 17 km W of Santander [0301/7628 (USBGN)] and 50 km SSW of Cali [0327/7631 (USBGN)] (MHA); Lehmann, 20 July 1958 (MVZ, as "Río Teta, Buenos

Aires"); collector ?, date ? (Nicéforo & Olivares, 1976a:24); also see La Teta.

BUENOS AIRES; Norte de Santander ca. 0801/7258 (IGAC [N. Santander]) 1,800 m, on eastern slope of northern Eastern Andes on road between [?] Abrego [formerly La Cruz, 0805/7313 (USBGN)] and Sardinata [0806/7248 (USBGN)] (de Schauensee, 1952a:1127); W of Gramalote [0753/7248 (USBGN)], Carriker, 2-7, 11-14, 16, 19-21, 23-27, 30 Sept., 1-3 Oct. 1946 (USNM; Carriker, 1955:52); USNM map of Carriker's collecting localities shows this at ca. 0805/7301 and 4 km E of Alto del Pozo [0806/7303 (USBGN)]; this is probably the Buenos Aires whose approximate coordinates are given above (taken from the most recent map of Norte de Santander), which is 10 km N of Villacaro [0755/7259 (USBGN)], although neither de Schauensee's nor Carriker's description accurately places this site.

BUENOS AIRES; Tolima (1) 0459/7444 (USBGN)
ca. 200 m, on left bank of lower upper Río Magdalena [1106/7451 (USBGN)], 20 km E of Armero [0458/7454 (USBGN)] and 25 km S of Honda [0512/7445 (USBGN)] (MHA); collector ?, on trail from Buenos Aires to Finca las Garzas [not located], at 500 m, date ? (Borrero, 1972b:401).

BUENOS AIRES; Tolima (2) 0420/7505 (USBGN)
ca. 800 m, in central northern Tolima, 30 km W of Girardot [0418/7448 (USBGN)] and equal distance SE of Ibagué [0427/7514 (USBGN)] (MHA); Marinkelle, at 400 m, 10 Dec. 1967 (LACMNH, as "Buenos Aires, vicinity of Girardot"); identification doubtful because of the discrepancy in altitude.

BUENOS AIRES; Valle del Cauca 0302/7638 (USBGN)
1,075 m, in upper valley of Río Cauca [0854/7428 (USBGN)], 50 km SSW of Cali [0327/7631 (USBGN)] and 15 km W of Santander [0301/7628 (USBGN)], just W of Río la Teta [0306/7634 (USBGN)] (MHA); Lehmann, 21 Sept., 11, 19 Oct. 1957 (MVZ).

BUESACO; Nariño 0123/7709 (USBGN)
ca. 1,600 m, on western slope of southernmost Central Andes in northern Nariño on southern watershed of upper Río Juanambú [0135/7725 (USBGN)], 25 km NE of Pasto [0113/7717 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1976a:23).

BUEY, ALTO DEL; Chocó 0606/7713 (USBGN)
1,810 m, highest peak in Serranía de Baudó [0600/7705 (USBGN)], which

extends from Panama border S to central Chocó (MHA); von Sneider, date ? (de Schauensee, 1946a:2, as "Río Jurubidá [0550/7717 (USBGN)], Alto del Buey"); von Sneider, at 3,000 ft. [900 m], 28 June 1940 (de Schauensee, 1946a:6); von Sneider, 1-2, 5, 13, 15, 18, 20, 22-30 June, 1-7 July 1940 (UMMZ, as "Alto de Buey, Río Yuribida [Jurubidá]" and "Río Baudó, Alto del Buey"; FMNH, as "Alto de Buey, Río Yurubida [Jurubidá]"; ANSP, also as "Alto de Buey, Baudo side" and "Alto de Buey, Pacific side"); von Sneider records inconsistent and ambiguous; see, also, Nuquí; Baudo, Río; and Jurubidá, Río.

BUGA; Valle del Cauca 0354/7617 (USBGN)
965 m, in upper Río Cauca valley, 7 km E of Río Cauca [0854/7428 (USBGN)] and 55 km NNE of Cali [0327/7631 (USBGN)] (MHA); Dugand, 12 Apr. 1955 (Dugand, 1955:85); collector ?, date ? (Borrero, 1970b:702; 1972b:400); collector ?, date ? (Cantillo, 1983:72); Miller, 8 km SW, 14-15 Jan. 1959 (Miller, 1960:235; MVZ); collector ?, "above Buga," date ? (Borrero, 1970b:702; 1972b:40); Hilty, 6 June, year ?, 24 July 1976 (Hilty & Brown, 1986:154, 191); see, also, Chircal, Laguna.

BURITACA; Magdalena 1115/7346 (USBGN)
Sea level, on Caribbean coast at mouth of Río Buritaca [1116/7346 (USBGN)], humid forest, mangroves, and grasslands (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:114); village not shown on our maps but coordinates indicate adjacent to Punta Buritaca [1116/7346 (USBGN)], which is 50 km E of Santa Marta [1115/7413 (USBGN)]; Smith, 9, 15-16, 18-23, 25-30 Sept. 1899 (Todd & Carriker, 1922:109; CM).

BURRO, PUENTE; see Puente Burro.

CABALLEROS, MESETA DE LOS; see Los Caballeros, Meseta de.

CABAÑA, LA; se La Cabaña.

CABICA, ISLA; Atlántico 1054/7444 (USBGN)
5 m (de Schauensee, 1948a:289, as "Isla de Cabica"); 3.5 x 2 km island on western side of Río Magdalena [1106/7451 (USBGN)], 10 km S of Barranquilla [1059/7448 (USBGN)], collector ?, date ? (Dugand, 1947c:538; MHA).

CABICA, ISLA DE (de Schauensee, 1948a:289); see Cabica, Isla.

CABUYARITO; Meta 0430/7307 (USBGN)
ca. 300 m, in llanos at eastern base of central Eastern Andes, 68 km NE of Villavicencio [0409/7337 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1966:387).

CABUYARO; Meta 0418/7249 (USBGN)
ca. 200 m, on llanos on right bank of Río Meta [0612/6728 (USBGN)], 6 km W of mouth of Río Upía [0418/7245 (USBGN)] (MHA); Lehmann, nearby, prior to 1941 (Lehmann, 1957:152).

CACAGUALITO; Magdalena ca. 1116/7400
ca. 1,500 ft [450 m], abandoned plantation on divide beyond Río Mataira [Quebrada Matogiro, 1114/7407 (USBGN)], near Bonda [1114/7408 (USBGN)] and Jordán [1117/7359 (USBGN)], semi-arid, tropical (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:413; Todd & Carriker, 1922:109); Smith, 5-6, 13-15, 18-19, 21, 24, 28, 31 May, 1-2 June, July 1898 (Allen, 1900a:124ff; Chapman, 1912:155, as "Cagualito"; FMNH, as "Gacaguaito"; CM); Smith, 26 Sept. 1899, 25 Sept. 1900 (CM).

CAÇANARES (de Schauensee, 1948a:289); see Casanare, Llanos de.

CACAO, ARROYO; Bolívar ca. 0955/7513 (Haffer & Borrero, 1965:51)
An affluent of Caño Lata [ca. 0930/7455 (Dicc. Geog., USBGN)] in municipio of Cartagena [1025/7530 (USBGN)] (Dicc. Geog.); on western side of Serranía San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], close to and NE of San Cristóbal [0953/7515 (USBGN)], Beattie, 5 Feb. 1961 (Haffer & Borrero, 1965:48, 51); not on our maps.

CACAOS, ALTO DE LOS; Santander 0628/7256 (USBGN)
Alt. ?; on western side of northern Eastern Andes, a short distance E of

Mogotes [0630/7258 (USBGN)], southeastern Santander; does not appear on our maps; Mario, 11 Oct. 1948 (Iafrancesco, et al., 1986:44).

CÁCERES; Antioquia 0735/7520 (USBGN)
75 m, on lower Río Cauca [0854/7428 (USBGN)] where it emerges from the Andes, opposite mouth of Río Tarazá [0735/7521 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:399); doubtless same collector[s ?] as at Tarazá [0735/7521 (USBGN)] and Río Tarazá, which see; Serna, 1988 (Serna, 1992a:15).

CACHIMBALITO; Cauca Not located
Collectors ?, 1955 (Lehmann, 1957:112); there is a Loma Cachimbo [not located] in municipio of El Tambo [0230/7700 (USBGN)], W of Popayán [0227/7636 (USBGN)] (Dicc. Geog.); Cachimbalito may be nearby.

CACHIPAY; Cundinamarca 0444/7426 (USBGN)
1,500 m, on western slope of central Eastern Andes, on railway 5 km SE of Anolaima [0446/7428 (USBGN)] (Atlas, 1977); collector ?, date ? (Olivares, 1969b:209); de Schauensee, 1948a:289, also lists the Cachipay in Santander [0619/7338 (USBGN)], but it seems to have no ornithological significance.

CACHIPAY; Santander (de Schauensee, 1948a:289); see Cachipay, Cundinamarca.

CÁCHIRA; Norte de Santander 0744/7303 (USBGN)
2,015 m, on western slope of northern Eastern Andes, at headwaters of Río Cáchira del Espíritu Santo [0752/7340 (USBGN)], 70 km NNE of Bucaramanga [0708/7309 (USBGN)] and 65 km SW of Cúcuta [0754/7231 (USBGN)] (MHA); not to be confused with Cachirí [0730/7301 (USBGN)] or Cáchira [0721/7317 (USBGN)], both S in Santander; Carriker, Oct., Nov. 1916 (site probably incorrectly identified and should be Cachirí; FMNH); Carriker, 1, 4 Nov., 20 Mar. 1961 (YPM; LACMNH); Romero, in vicinity, 26 Sept. 1970, 19-21 Oct. 1972 (Olivares & Romero, 1973:44:ff).

CÁCHIRA, RÍO (Olivares & Romero, 1973:48); see Cáchira del Espíritu Santo, Río.

CÁCHIRA DEL ESPÍRITU SANTO, RÍO 0752/7340 (USBGN)
Originates on western slope of northern Eastern Andes near Cáchira [0744/7303 (USBGN)], Norte de Santander, and discharges in Magdalena Valley into Ciénaga de Pita [0755/7340 (USBGN)] which in turn empties

into Río Lebrija [0808/7347 (USBGN)], a tributary of Río Magdalena [1106/7451 (USBGN)] (MHA; IGAC [Cesar]); Romero, at mouth on 18 Mar. 1972, near mouth on 24 Jan., 2 Apr. 1971, and 28 Feb. 1972, and on river [because some dates below are identical to those above, it may be assumed he was at lower end of river] on 2-3 Apr., 7, 10, 12-13 Aug. 1971, 7, 26-28 Feb., 18-19, 28 Mar. 1972 (Olivares & Romero, 1973:46ff).

CACHIRÍ; Santander 0730/7301 (USBGN)
1,890 m, on western slope of northern Eastern Andes, at headwaters of Río Cachirí [0726/7312 (USBGN)], 43 km NE of Bucaramanga [0708/7309 (USBGN)] and 43 km NW of Pamplona [0723/7239 (USBGN)] (MHA); Atlas, 1977, shows this too far east; not to be confused with Cáchira [0744/7303 (USBGN)] to N in Norte de Santander; Wyatt, Feb. 1870 (Wyatt, 1871:328, 376, 382); Carriker, 6, 10 Mar., 29-31 Oct., 1-2, 4-11 Nov. 31 Dec. 1916 (CM; Carriker, 1955:50, 59, as "Cachirí, Norte de Santander"; ANSP).

CACHIRÍ; Norte de Santander (Carriker, 1955:50); see Cachirí, Santander.

CACHIRÍ, PÁRAMO DE; Santander Not located
W of Cachirí [0730/7301] (USBGN)], in northern Eastern Andes, Carriker, date ? (Todd, 1942, Ann. Carnegie Mus., 29:305, 366); Todd's map (p. 366) seems to indicate this is in vicinity of Cerro El Viejo [0728/7254 (USBGN)].

CADENA, LA; see La Cadena.

CAGUALITO (Chapman, 1912:155); see Cacagualito.

CAGUAN, RÍO; Caquetá 0008/7418 (USBGN)
Major affluent on Río Caquetá [0308/6446 (USBGN)] rising in vicinity of San Vicente de Caguán [0207/7446 (USBGN)], northwestern Caquetá, flowing SSE to the Caquetá (MHA); collector ?, where ?, date ? (Borrero, 1972b:402).

CAICEDO; Antioquia 0625/7600 (USBGN)
1,800 m, 16 km SE of summit of Páramo Frontino [0628/7604 (USBGN)] on eastern slope of northern Western Andes, 51 km NW of Medellín [0615/7535 (USBGN)] (MHA; IGAC [Antioquia]); Hershkovitz, above [= W] at 3,100-3,500 m, Mar., Apr. 1951 (FMNH; Blake, 1955:12).

CAICEDONIA; Valle del Cauca 0420/7550 (USBGN)
ca. 1,300 m, on eastern side of upper Cauca Valley at western base of Central Andes, 16 km NE of Sevilla [0416/7557 (USBGN)] and 27 km SW of Armenia [0431/7541 (USBGN)] (MHA); collector ?, date ? (Lehmann, 1957:136; Nicéforo & Olivares, 1964:22).

CAILÁN (Iafrancesco, et al., 1985:44); see Ceilán.

CAIMÁN, PLAYA (Todd & Carriker, 1922:122); see Caimán, Punta de.

CAIMÁN, PUERTO (ANSP); see Caíman, Punta de.

CAIMÁN, PUNTA (Carriker, 1959b:218); see Caimán, Punta de.

CAIMÁN, PUNTO (ANSP); see Caimán, Punta de.

CAIMÁN, PUNTA DE; Magdalena 1110[error ?]/7414 (USBGN)
Sea level, on Isla de Salamanca [1059/7427 (USBGN)], which borders Ciénaga Grande de Santa Marta [1050/7425 (USBGN)], mangroves and shrubs, also called "Barra Vieja," Carriker, 27 Sept.-1 Oct., 29 Oct. [Sept. ?] 1913 (Todd & Carriker, 1922:122, as "Punto Caimán" and "Playa Caimán"; Carriker, 1959b:218-219, as "Punta Caimán"; CM, as "Punta Caíman"; ANSP, as "Punta Caimán," "Punto Caimán," and "Puerto Caimán"); not on our maps.

CAIMÁN, PUNTO (Todd & Carriker, 1922:122); see Caimán, Punta de.

CAIMANERA, LA; see La Caimanera.

CAIMANERO (MHA); see La Caimanera.

CAJAMBRE, BOCA; Valle del Cauca 0331/7719 (USBGN)
Inlet on Pacific coast 40 km SW of Bahía de Buenaventura [0348/7717 (USBGN)] and 90 km W of Cali [0327/7631 (USBGN)] (MHA); Naranjo, 40 mi [62 km] off coast, 9 Feb. 1983 (Naranjo, 1983a:3).

CAJIBÍO; Cauca 0237/7636 (USBGN)
1,736 m, in upper Cauca Valley, 20 km N of Popayán [0227/7636 (USBGN)] (MHA); Lehmann, 1940s-50s (Lehmann, 1957:146), with known date of 19 Apr. 1942 (MVZ); Carriker, 15-23 July 1953 (YPM), 18 Sept. 1960 (FMNH; LACMNH), 13 Feb. 1962 (YPM); von Sneider, 20 July 1956 (YPM); Lehmann (1957:146) says that although this locality is cited, most specimens have been taken at Hacienda la Capilla [? = La

Capella, 0235/7636 (USBGN)], 1,650-1,780 m, on Río Palacé [0234/7645 (USBGN)], 10 km S of Cajibío; also see Hacienda la Capilla.

CAJICÁ; Cundinamarca 0455/7402 (USBGN)
2,565 m (de Schauensee, 1952a:1127); on Sabana de Bogotá, 12 km S of Zipaquirá [0502/7400 (USBGN)] and 37 km N of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, Mar. 1921 (Nicéforo, 1923a:325); Gómez and Galán, 1987 (Stiles & Rosselli, 1988).

CAJÓN (Hellmayr, 1911:1097); see El Cajón.

CAJÓN, EL; see El Cajón.

CAJÓN, RÍO; Chocó 0445/7650 (USBGN)
Rises on northwestern slope of Cerro Torrá [0449/7626 (USBGN)], a western outlier of central Western Andes, and joins Río Sipí [0445/7650 (USBGN)] just before the latter meets the middle Río San Juan [0403/7727 (USBGN)], on coastal plain (MHA); Palmer, in vicinity of El Cajón [0452/7637 (USBGN)] on upper portion of river, 28-31 Oct., 2, 3, 5 Nov. 1908 (Hellmayr, 1911:1097ff); see, also, El Cajón.

CALABACITO; La Guajira 1110/7235 (USBGN)
ca. 100 m, at base of peninsula at northeastern tip of low hills, on railway and highway (MHA; Atlas, 1977, as "Albania"; Atlas, 1992, as "Albania"); Serna, July, Nov. 1980, Mar. 1981 (Serna, 1984:19, 23, as "Albania").

CALABOZO; Tolima ca. 0400/7513 ?
Alt. ?; ca. 20 km N [? of Ortega [0356/7513 (USBGN)] (which see), mountainous, dense forest with some clearings, Olivares, two days, between 21 Dec. 1953-7 Jan. 1954 (Olivares, 1967c:115, et seq., all records cited as "Ortega").

CALAMAR; Bolívar 1015/7455 (USBGN)
10 m, on coastal plain 85 km SSW of Barranquilla [1059/7448 (USBGN)] on left bank of lower Río Magdalena [1106/7451 (USBGN)] (MHA); arid, surrounded by open savannas, occasional marshes, Chapman, et al., 3 June 1911, 21-22 Jan. 1913, Miller and Boyle, 4 Nov. 1914 (Chapman, 1917:643); Fuertes, 2 June 1911, 21-22 Jan. 1913 (CU); Carriker, 29-31 Dec. 1915, 1-4, 21, 30 Jan. 1916 (Todd, 1917:6; UMMZ; CM; ANSP).

CALANCALA, RÍO (MHA); see Ranchería, Río.

CALARCÁ; Quindío 0431/7538 (USBGN)
ca. 1,500 m, on western side of middle Central Andes, 4 km E of Armenia
[0431/7541 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares,
1976a:29).

CALDAS; Antioquia 0605/7538 (USBGN)
1,797 m, 20 km SSW of Medellín [0615/7535 (USBGN)] on Río Porce
[0728/7453 (USBGN)], 30 km NE of mouth of Río San Juan [0847/7631
(USBGN)] (MHA); Niséforo, 23 June 1963 (Iafrancesco, et al., 1985:62);
collector ?, 4 May, 18 Oct. 1965, 28 Aug., 28 Sept. 1966, Serna, 19 Mar.,
21 Apr., 5, 25 May, 25 Oct. 1968, 24, 30 Aug. 1970, 19 Mar. 1971, 1
Apr. 1972, 7 July, 30 Aug. 1979, Serna and Isaza, 2, 10 Feb., 20, 25 May,
7 June, 5 July, 8 Sept. 1968, 7 June 1969, 10 Dec. 1970, Isaza, 28 Aug.
1966, 10 Feb., 25 Apr., 8, 25 May, 9 Aug., 10 Sept. 1968, Serna and
Pérez, 25 May 1968, 4 May 1969, collector ? [Isaza ?], 4 Oct. 1968, Isaza
and Carvajal, 8 Mar. 1969, 9 May 1973, Jiménez, 5 Mar., 11 Aug. 1969,
Serna and Madrigal, 4-5, 8 Feb. 1974, Isaza and Castaño, 2 Feb. 1968,
Madrigal, 5 Feb. 1974, Serna and Jiménez, 25 May 1968, Serna, et al., at
Alto de Minas [not located], 3, 10 Feb., 5 July, 10 Aug. 1968, 15 Mar., 30
May, 7, 14 June 1969, 19 Mar 1971, Serna, at Alto de Minas, 3 Feb., 5
Aug. 1968, 24 Apr., 7, 14 June 1969, 19 Mar. 1971, Isaza and Landoño, at
Alto de Minas, 10 Feb. 1968, Serna and Gavira, at Alto de Minas, 15 Mar.
1969, Serna and Isaza, at Alto de Minas, 22 Mar. 1969, collector ?, at Alto
de Minas, 10 Aug. 1968, 7 July 1972, Serna and Marín, at Alto de Minas,
2-3 Feb. 1968, Jiménez, at Alto de Minas, 3 May 1969, Serna and Isaza, at
Quebrada la Mina [not located], 17 Aug. 1968 (Serna, 1980:10, 15, 17, 20,
24, 26, 31-35, 44, 49, 55, 59, 70, 72, 75-76, 78, 80-81, 83, 85-89, 91, 93,
98, 100-102, 104-106); also see La Salada.

CALDAS; Caldas Not located
von Sneidern, 21 Mar. 1942 (UMMZ); the state is probably erroneous.

CALDAS; Valle del Cauca; see Dagua.

CALDAS, DEPARTAMENTO DE 0515/7530 (USBGN)
West-central Colombia, mainly on the western slope of the Central Andes
but including the eastern slope in northeastern portion; Río Cauca
[0854/7428 (USBGN)] flows S to N in W; principal city Manizales
[0505/7532 (USBGN)]; bordered on N by Antioquia, on E by
Cundinamarca, on SE by Tolima, and on S and W by Risaralda.

CALDERA, LA; see La Caldera.

CALDERÓN; Amazonas ca. 0345S/6957
ca. 100 m (MHA); old police post ca. 45 km N of Leticia [0409S/6957
(USBGN)] and 3 km from Brazilian border, on Río Calderón [not
located], Bernal and Romero, 23 Feb.-5 Mar. 1975 (Romero, 1978:1, 4).

CALDERÓN, RÍO; Amazonas Not located
Rises in Colombia N of Leticia [0409S/6957 (USBGN)] and flows E to the
Amazon in Brazil, Bernal and Romero, in vicinity of old police post of
Calderón [ca. 0345S/6957], ca. 3 km from Brazilian border and 45 km N
of Leticia, 23 Feb.-5 Mar. 1975 (Romero, 1978:1, 4).

CALENDARIA (Niséforo & Olivares, 1968:287); see Candelilla.

CALENTADEROS; see Salamina.

CALERA, LA; see La Calera.

CALI; Valle del Cauca 0327/7631 (USBGN)
957 m, in upper Cauca valley on left bank of Río Cauca
[0854/7428(USBGN)] near eastern base of Western Andes (MHA);
Delattre, prior to 1846 (Delattre & Bourcier, 1846:305; Lafresnaye,
1847:78, as "Caly, in Nova Grenada"); Rosenberg [collector ?], Sept., Oct.
1894 (FMNH); Boucard, Nov. 1894 (FMNH); Rosenberg [collector ?],
Nov. 1896 (FMNH); Batty, May, 1, 26 June, July 1898 (FMNH; MCZ);
Chapman, Fuertes, Richardson, Miller, 19-31 Dec. 1910, 8-11 May 1911
(Chapman, 1917:21-22, 643; CU); Richardson and Miller, 11 Aug. 1911
(FMNH); Miller and Allen, 25 Jan.-8 Feb. 1912 (Chapman, 1917:32-40,
643); Martínez, in the vicinity of Cali, 1943 (Lehmann, 1944b:407); von
Sneidern, 18 Aug. 1944 (ANSP); Olivares, Sept. 1948, 24 Feb., Mar., 9
Apr., 12, 14, 25 May, 9 June, July 1949 (Olivares, 1953:717, 720;
1959a:386, 389, 417); Borrero & Lumsden, nearby, 7, 9 Mar. 1950
(Borrero, 1952b:4, 5); Borrero ?, Mar. 1954 (Borrero, 1955:6); Wallace,
19, 26-27 Jan., 11 Feb., 7-8 Mar. 1956 (Wallace, 1958:179); von Sneidern,
June 1955, 5 Jan., 9 Oct. 1956, 16 May 1957 (YPM); Lehmann, 6, 8 Aug.,
1 Sept. 1957, 1 July 1958, 20 Aug. 1959 (WVZ); Brown, 14 Feb. 1960
(Hilty & Brown, 1986:519); collector ?, 2 Apr. 1962, 4 Aug. 1963, 3 Oct.
1966, Dec. 1967, 10 Feb. 1968, Carriker, 10 Mar. 1962, Posada, 4 Feb.,
15 July 1966, Apr. 1968 (WVZ); collector ?, 1966 (Southern & Moore,
1974:85); Marinkelle, 3 Aug. 1961, 3 July, 3 Jan., 10 Apr., 7 July 1963, 1
Oct. 1965, 3-4, 8, 10 Jan., 10 Mar., 4 June, 3, 13, 15, 18, 29 July, 1, 12-
13 Aug., 19 Sept., 1, 3-4, 7-8, 10, 12-16, 24, 26 Oct. 1966, 4 Jan., Feb.
1967, 3 Aug., 5 Oct. 1969, 1 Apr. 1970 (WVZ; UMMZ); A. H. Miller, at
Cali, 17 Mar. 1965, 4 km SE at 3,300 ft [1,100 m], 10, 22 July, 11 Sept.,

17 Oct., 4 Dec. 1958, and 14 km SSE at 3,300 ft [1,000 m], 10 July 1958 (MVZ); Lancaster, nearby, Sept. 1968-July 1969 (Lancaster, 1970:167); Hilty, 26 Mar., 1 Apr. 1972, 11 May 1973 (Hilty, 1977:45-47); Serna and Piedrahita, 5 Mar. 1972 (Serna, 1980:92); Alvarez-López, et al., May 1977-Feb. 1979 (Alvarez-López, et al., 1984); observer ?, May 1991 (Barrera & Feliciano, 1994:363); Carriker, at Km 18 on Buenaventura/Cali road, 1,900 m, 16 Dec. 1950 (USNM); Tudor, et al., at crest of Western Andes at ca. 2,000 m, 1 km N of Cali/Buenaventura road, 11 Apr. 1973 (Gochfeld & Keith, 1974:962); Borrero, between Cali and Palmira [0332/7616 (USBGN)], 21 Jan. 1965 (Borrero, 1968b:29); Borrero, ca. 13 Jan.-22 Mar. 1969 (Borrero, 1970c); Pearson, in vicinity, June, 28 July 1971 (CU); Arvey, 13, 15, 17-18, 28 Sept. and 10 km SW, 21 Sept. 1971 (LACMNH); Borrero, 7 Mar. 1974, 7 Mar.-2 May, 20 July 1975 (Borrero, 1980:2, 4); Hilty, 4 June year ?, Alden and Hilty, at Km 72, 500 m, on old Buenaventura road, 12 Aug. 1978, Hilty "above Cali," 18 Jan. year ?, 7 June year ?, Hilty, "above Cali," at 2,100 m, 1973 (Hilty & Brown, 1986:148, 248, 333, 419, 474); Castro and Naranjo, Mar. 1982 (Castro & Naranjo, 1982); Schuchmann, at Km 15 on Buenaventura/Cali road, 2,100 m, July-Aug. 1976, Jan.-Feb. 1977 (Schuchmann, 1979:59); Schmidt-Marloh & Schuchmann, July-Aug. 1976 (Schmidt-Marloh & Schuchmann, 1980:61); Alvarez-López, 8 Apr. 1988 (Naranjo, 1991c); Kattan and Gómez, 15 km S, dates ? (Kattan & Gómez, 1992); Kattan, 25 km S, Jan.-June 1988, Jan.-Dec. 1989 (Kattan, 1993); Hilty, 6 June year ?, Gniadek, above Cali, 28 July year ? (Hilty & Brown, 1986:221); see, also, Farrallones de Cali.

CALI, FARALLONES DE; Valle del Cauca 0322/7645 (USBGN)
 2,500 m, prominent range ca. 25 km long in south-central Western Andes, with its northern terminus ca. 17 km WSW of Cali [0327/7631 (USBGN)] (MHA); site of national park; André, at [eastern ?] base, sometime between Mar.-May 1899 (Simon & Dalmas, 1901:216, as "Parallones de Cali"); Lehmann, date ? (Lehmann, 1959c:176); collector ?, at national park, date ? (Cantillo, 1983:72); Corredor, between Topacio [El Topacio, not located] and Pico de Loro [approximately between 0310/7635 and 0325/7633 (Dicc. Geog., USBGN)], ca. 16 Oct. 1988 (Anonymous, 1989); also see Peñas Blancas.

CALI, RÍO; Valle del Cauca 0330/7630 (USBGN)
 Rises below Farallones de Cali [0322/7645 (USBGN)] in area of Pichindé [0326/7637 (USBGN)] on western slope of Western Andes and flows E to left bank of upper Río Cauca [0854/7428 (USBGN)] on northern outskirts of Cali [0327/7631 (USBGN)], Lehmann, at 1,590 m, Apr. 1957 (FMNH); Lehmann, near Pichindé, 25 Nov. 1956 (Lehmann, 1957:137).

CALIFORNIA; Santander 0721/7258 (USBGN)
2,072 m, on western slope of northern Eastern Andes, 33 km NE of Bucaramanga [0708/7309 (USBGN)] and 5 km SE of Surartá [0722/7300 (USBGN)] (MHA; Atlas, 1977); Carriker, at 2,400 m, 17 June 1961 (LACMNH).

CALIMA (USBGN); see Darién.

CALIMA, EMBALSE DE; Valle del Cauca ca. 0350/7630 (Atlas, 1977)
Alt. ?; large reservoir at head of Río Calima [0408/7704 (USBGN)] (Atlas, 1977); collector ?, date ? (Cantillo, 1983:72, as "Lago Calima"); Schuchmann, July-Aug. 1976, Jan.-Feb. 1977 (Schuchmann, 1987b:122).

CALIMA, LAGO (Cantillo, 1983:72); see Calima, Embalse de.

CALIMA, RÍO; Valle del Cauca 0408/7704 (USBGN)
An affluent of lower Río San Juan [0403/7727 (USBGN)] on Valle del Cauca/Chocó border, rising in western foothills of middle Western Andes near Darién [formerly Calima, 0356/7631 (USBGN)] and joining Río San Juan on coastal plain at Palestina [0409/7704 (USBGN)] (MHA); Palmer, at mouth of river, 4, 13, 17-18 Aug. 1908 (Hellmayr, 1911:1098ff, as "mouth of Calima" or "Boca de Calima, R. San Juan"); von Sneidern, at Calima [Darién], May 1958 (FMNH; de Schauensee, 1948a:290); Borrero and Alvarez-López, on "Bajo Calima," 8 Jan. 1964 (Borrero, 1968b:28; Serna, 1980:98); collector ?, on "Alto Calima," at 1,800 m, date ? (Borrero, 1972b:400); Borrero, on river [where ?], date ? (Haffer, 1967a:350); collector ?, at Granja Forestal [not located], date ? (Cantillo, 1983:72); Brown, in upper valley, at 1,800 m, 26 Feb. year ?, in upper valley, 1 Mar. year ? (Hilty & Brown, 1986:448, 625); Palmer (Hellmayr, 1911:1099ff) erroneously placed [El] Guineo on Río Calima (see El Guineo).

CALONKA; La Guajira ca. 1157/7140
ca. 100 m (MHA); campsite at well in very arid area at southwestern base of Serranía de Jarara [1208/7132 (USBGN)], on Península de la Guajira [1200/7130 (USBGN)], Haffer, July 1960 (Haffer, 1961b:374ff).

CALOTO; Cauca 0303/7625 (USBGN)
1,085 m, in upper Cauca valley, 45 km SSE of Cali [0327/7631 (USBGN)] and 8 km NE of Santander [0301/7628 (USBGN)] (MHA); Lehmann, above Caloto at ca. 0300/7620 and ca. 2,000 m on slopes of the more northern Cerro Munchique [0232/7657 (USBGN)], date ? (Lehmann, 1960a:265).

CALY (Lafresnaye, 1847:78); see Cali.

CAMARONCITO, ARROYO; Bolívar ca. 0944/7519 (Haffer & Borrero, 1965:51)

Alt. ?; in central Serranía de San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], a short distance W of Cerro Cansona [0944/7517 (USBGN)], Haffer and Beattie, 15-16 Sept. 1960, Beattie, Feb. 1961 (Haffer & Borrero, 1965:36, 46, 51); not on our maps.

CAMARONES; La Guajira 1126/7304 (USBGN)
10 m, on Caribbean coastal plain at western base of Península de la Guajira [1200/7130 (USBGN)] at mouth of Río Camarones [1126/7305 (USBGN)], 25 km SW of Ríoacha [1133/7255 (USBGN)] (MHA); Serna, 1980 and/or 1981 (Serna, 1984:19); see, also, Navío Quebrado, Laguna de.

CAMARONES, BAHÍA (Sprunt, 1976:36); see Navío Quebrado, Laguna de.

CAMAS VIEJAS Not located
Collector ?, Oct. 1915 (Niséforo, 1923a:333).

CAMBAAO; Cundinamarca 0455/7444 (USBGN)
ca. 250 m, on right bank of central Río Magdalena [1106/7451 (USBGN)], 20 km SE of Armero [0458/7454 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:100).

CAMELIA, LA; see La Camelia.

CAMOA, CAÑO (Atlas, 1977); see Camoa, Río.

CAMOA, RÍO; Meta 0342/7310 (USBGN)
Tributary of Río Metica [0410/7256 (USBGN)] rising SW of San Martín [0342/7342 (USBGN)], flowing SE and then NE to join the Metica near San Carlos de Guaroa [0344/7314 (USBGN)] (Atlas, 1977, as "Caño Camoa"); collector ?, date ? (Niséforo & Olivares, 1966:387); Brown, near San Martín, date ? (Hilty & Brown, 1986:127).

CAMP ABERT; Chocó Not located
ca. 100 m ?; on middle Río Truandó [0726/7707 (USBGN)], which rises at northeastern base of Serranía de Baudó [0600/7705 (USBGN)] and flows NE to join lower Río Atrato [0817/7658 (USBGN)], Schott, Wood, and Wood, 1858 (Cassin, 1860:139; Cassin, 1861:229; Richmond, 1898:327, as "Camp Albert"); Schott (*in* Cassin, 1861:229) places Camp Abert "within the lowlands where the Truandó begins to form sandy depositories."

CAMP ALBERT (Richmond, 1898:327); see Camp Abert.

CAMPAMENTO CHAMUSA (Lemke, 1977:773); see Camp Chamusa.

CAMPAMENTO COLPET; Norte de Santander Not located
Collector ?, date ? (Hernández & Romero, 1978:357).

CAMPANA, LA; see La Campana.

CAMPANARIO Not located
Between Tolima [0345/7515 (USBGN)] and Quindío [0430/7540 (USBGN)], Heredia, et al., 23 Feb. 1976 (Serna, 1980:29).

CAMPANARIO, QUEBRADA; see Campanario.

CAMPANERO, CERRO; Nariño ca. 0110/7710
ca. 3,200 m, in municipio of Pasto [0110/7710 (USBGN)] (Dicc. Geog.); northeast of Laguna de La Cocha [0105/7709 (USBGN)], on trail to Santa Rosa [0117/7738 (USBGN)], Bastidas and Citelly, at 2,800-3,200 m, 14 Oct. 1989 (Anonymous, 1990c).

CAMP CERBATANA (Miller, 1952a:450); see Villavieja.

CAMP CERRO PINTADO (USNM); see Junco, Laguna de.

CAMP CHAMUSA; Meta ca. 0245/7409 (Lemke & Gertler, 1979:453, map)
ca. 200 m (Atlas, 1977); on right bank of lower Río Duda [0233/7402 (USBGN)], ca. 20 km from its confluence with Río Guayabero [0236/7247 (USBGN)], in Parque Nacional Serranía de la Macarena [ca. 0245/7355], Lemke and Gertler, in region at various times between Aug. 1975-Jan. 1977, with known dates of 25 Jan., 5 Feb., 11 Mar. 1976 (Lemke, 1977:773, as "Campamento Chamusa"; Lemke & Gertler, 1979:453-455); not on our maps.

CAMP COSTA RICA; see Costarrica.

CAMPERUCHO; Cesar 1006/7342 (USBGN)
ca. 150 m, on southern slope of Sierra Nevada de Santa Marta [1050/7340(USBGN)], 7 km NE of Carocolí [1005/7344 (USBGN)] (MHA); not shown on recent maps; savannas, Carriker, 8-9 Aug. 1920 (Todd & Carriker, 1922:110, 581; CM); Carriker, 1-11 July 1945 (USNM).

CAMP FLOYD; Chocó Not located
On S side of Río Truandó [0726/7707 (USBGN)] before reaching the hills,
Schott, Wood, and Wood, Jan.-Feb. 1858 (Cassin, 1860:190; Cassin,
1861:240).

CAMP LAGUNA DE JUNCO (USNM); see Junco, Laguna de.

CAMPO BELLO Not located
In Western Andes, collector ?, date ? (de Schauensee, 1946b:3).

CAMPO PERIJÁ (Nicéforo & Olivares, 1967:414); see Camp Perijá.

CAMP PALIZADAS (Schott, *in* Cassin, 1861:242); see Camp Toucey.

CAMP PERIJÁ; Cesar ca. 0949/7303 (USNM)
5,500 ft [1,700 m], on western slope of central Serranía de Perijá
[1000/7300 (USBGN)], ca. 25 km E of El Hatillo [0946/7317 (USBGN)]
and above Hiroca [ca. 0942/7305 (USNM)], Carriker, from 4,500-10,000
ft [1,400-3,050 m], from forest to páramo, 12-26, 28, 30 Apr., 1-4, 6-7
May 1942 (USNM, as "Camp at 5,500 ft, Sierra Perijá"); Nicéforo &
Olivares, 1967:414, as "Campo Perijá."

CAMP TOUCEY; Chocó Not located
In mountains [? Serranía de Baudó (0600/7705 (USBGN))] on Río Truandó
[0726/7707 (USBGN)], Schott, Wood, and Wood, Jan., Mar. 1858 (Cassin,
1860:142, 188; Cassin, 1861:234, 237); Schott (*in* Cassin, 1861:142), says
that this camp is in lowlands in swampy region called "Las Palizadas" [not
located], on account of the fallen trees blocking the river, and that there are
no mountains, and furthermore that the party was there on 18 February,
not in March; although he makes no mention of the January record, he
substitutes "Camp Palizadas" for Camp Toucey in Cassin's 1861 paper
(e.g., p. 242).

CAÑA, LA; see La Caña.

CANADÁ, HACIENDA; see Hacienda Canadá.

CANAIMA, HATO; see Hato Canaima.

CAÑASGORDAS; Valle del Cauca 0321/7631 (USBGN)
ca. 1,000 m, Pearson, 1 Apr., 16 June 1971 (CU; MVZ); in upper Cauca
valley, a short distance S of Cali [0327/7631 (USBGN)]; does not appear on
our maps.

- CAÑAVERAL; Magdalena 1119/7356 (USBGN)
ca. sea level, on northern coast of Magdalena, 31.5 km ENE of Santa Marta [1115/7413 (USBGN)] and 17 km WNW of Buritaca [1115/7346 (USBGN)] (IGAC [Mag.]); in Parque Nacional Natural Tayrona [1120/7402 (WCMC)], Russell and Tufts, 29 Nov. 1972, Hilty, et al., 29 Jan., 8-9 Feb. 1973, Hernández, at sea off of Cañaveral, 16 Jan. 1978 (Hilty & Brown, 1986:172, 583).
- CAÑAVERAL; Santander (Romero & Morales, 1981:296); see Virolín.
- CAÑAVERALES (Romero & Hernández, 1979:2); see Virolín.
- CANDELA (Chapman, 1923b:7); see La Candela.
- CANDELA, LA; see La Candela.
- CANDELARIA; Valle del Cauca 0325/7620 (USBGN)
975 m (Borrero, 1972b:400); in valley of Río Cauca [0854/7428 (USBGN)], 18 km ESE of Cali [0327/7631 (USBGN)] (MHA); Lehmann, Apr. 1947 (Lehmann, 1959a:225); Olivares, 15 Oct. 1949 (Olivares, 1959a:375); collector ?, date ? (Cantillo, 1983:72)
- CANDELILLA; Nariño 0129/7843 (USBGN)
ca. 100 m, on right bank of Río Míra [0136/7901 (USBGN)] on Pacific coastal plain near Ecuador border (MHA); von Sneidern, 13 Mar. 1958 (Blake, 1959:6); Nicéforo & Olivares, 1968:287, as "Calendaria."
- CANGARÚ; Magdalena ca. 1059/7427
Sea level, on Isla de Salamanca [1059/7427 (USBGN)], collector ?, Aug. 1971 (Naranjo, 1979:6); not shown on our maps.
- CAÑO RICO, FINCA; see Finca Caño Rico.
- CAÑO TIGRE, HATO; see Hato Caño Tigre.
- CAÑOS NEGROS; Meta ca. 0410/7335
Alt. ?; settlement a short distance E of Villavicencio [0409/7337 (USBGN)] at eastern base of Eastern Andes (Dicc. Geog.); Borrero, Nov. 1955 (Borrero, 1960a:487, 506, 513); Borrero, on Villavicencio/Caños Negros road, 24, 26, 30 Nov., 10 Dec. 1955 ? (Borrero, 1960a:495; ANSP); not to be confused with the stream of Caño Negro [ca. 0105/7012], Vaupés.
- CANQUITA, RÍO (ANSP); see Cauquita, Río.

CANSONA (Haffer & Borrero, 1965:29); see Cansona, Cerro.

CANSONA, CERRO; Bolívar 0944/7517 (USBGN)
ca. 600 m, in central Serranía de San Jacinto [0940/7520 (USBGN)], or
Montañas de María [0940/7515 (USBGN)], 15 km W of El Carmen de
Bolívar [0943/7508 (USBGN)] (MHA); Haffer and Beattie, Sept. 1960, and
Beattie, 4 Feb. 1961 (Haffer & Borrero, 1965:29, 46, 48, as "Cansona").

CANTA; Santander ca. 0708/7312
3,300 ft [1,000 m], described by Wyatt, who collected there ca. Feb. 1870,
as being "a short day's journey" W of Bucaramanga [0708/7309 (USBGN)]
on road down into the Magdalena Valley (Wyatt, 1871:map, 127, 324,
331); de Schauensee (1948a:290) says the locality is usually known as
Catabria, but we are unable to locate the place except on Wyatt's rough
map.

CANTILITO; Magdalena ca. 1114/7409
ca. 100 ft [35 m], small plantation between Mamatoco [1114/7410
(USBGN)] and Bonda [1114/7408 (USBGN)], next to stream and ravine of
Quebra[da] Mojada [not located] (Allen, 1904, Bull. Amer. Mus Nat Hist.,
20:413); settlement SE of Santa Marta [1115/7413 (USBGN)] (Dicc.
Geog.); Smith, 1898-1899 (de Schauensee, 1948a:292, as "Cautilito"; Todd
& Carriker, 1922:110, as "Cautilito"), with known dates of 14 Oct. 1899
(Allen, 1905:276), 14 Oct. 1900 [1899 ?], 18 Oct. 1899 (CM, also as
"Cautilito").

CANUTO; Norte de Santander ca. 0755/7312 (de Schauensee,
1948a:290)
5,900 ft [1,800 m], on western slope of Eastern Andes, hut on trail between
Ocaña [0815/7320 (USBGN)] and Cáchira [0744/7303 (USBGN)], forested
[1870], Wyatt, 4-[?] 6 Feb. 1870 (Wyatt, 1871:121, 122, 323, 324, 331).

CAPARÚ; Vaupés 0105S/6931 (Bennett, 1994:381)
ca. 200 m, research station in extreme southeastern Vaupés, N of Lago
Taraura [not located], an oxbow on the lower Río Apaporis [0123S/6925
(USBGN)], Bennett, 1985-1992 (Bennett, 1994:379-400); does not appear
on our maps.

CAPICO, RÍO (FMNH); see Capiro, Río.

CAPILLA, LA; see Hacienda la Capilla.

- CAPIRO, RÍO; Chocó ca. 0440/7715 (Atlas, 1977)
 Small tributary at headwater of Río Docampadó [0445/7718 (USBGN)], to W of Serranía de Baudó [0600/7705 (USBGN)], in Bajo Baudó [0500/7705 (USBGN)], northern Chocó (Atlas, 1977; Dicc. Geog.); von Sneider, at 350 m, Sept. 1958 (FMNH, as "Río Capico").
- CAPITÁN RUBIANO; Norte de Santander Not located
 Presumably in vicinity of Pamplona [0723/7239 (USBGN)] or Páramo de Santurbán [0715/7252 (USBGN)]; Nicéforo, June 1948 (FMNH).
- CAPOTE; Santander 0638/7355 (Sturm, et al., 1970:530-531)
 142-162 m, forestry camp, in middle Magdalena Valley between Río Opón [0658/7353 (USBGN)] and Río Carare [0648/7406 (USBGN)], 46 km S of Barrancabermeja [0703/7352 (USBGN)] and 30 km E of Río Magdalena [1106/7451 (USBGN)], humid tropical forest, Sturm, within 5 km of camp, 28 July-5 Aug. 1968 (Sturm, et al., 1970:529ff).
- CAQUETÁ, INTENDENCIA DEL 0100/7400 (USBGN)
 SE Colombia from eastern slopes of southern Eastern Andes well E into lowlands; Ríos Ortegua [0043/7516 (USBGN)] and Caguán [0008/7418 (USBGN)] are main rivers; thinly populated; principal town is Florencia [0136/7536 (USBGN)], close to base of mountains; bordered on NE by Meta, on E by Guaviare, on SE by Vaupés, on S by Amazonas, on W by Putumayo, and on NW by Cauca and Huila; Hilty, in W at 2,100 m, Sept. 1978, Hilty, where ?, 7 Sept. 1978, Hilty, to 1,400 m in W, 1981 (Hilty & Brown, 1986:280, 333, 341).
- CAQUETÁ, RÍO 0308S/6446 (USBGN)
 Major river originating on eastern slope at southern end of Colombian Andes in southeastern Cauca and flowing SE, roughly parallel to more southern Río Putumayo [0307S/6758 (USBGN)], to join the middle Amazon, as Río Japurá, in northwestern Brazil (MHA); Fuertes, on river in Caquetá, 11-12, 18 Nov. 1912 (CU); see, also, Cauquitá, Río.
- CÁQUEZA; Cundinamarca 0425/7357 (USBGN)
 1,570 m, on eastern slope of central Eastern Andes, 2 km SSE of Bogotá [0436/7405 (USBGN)] (MHA); probable source of many "Bogotá" tradeskins (de Schauensee, 1948a:291); collector ?, 25 Jan., 8 Feb. 1967 (Olivares, 1974a:73, 102); Fuertes, above Cáqueza at 6,500 ft [2,000 m], 18 Mar. 1913 (CU).
- CARACAS, CERRO (ANSP); see Caracas, Cuchilla.

CARACAS, CERRO DE (Todd & Carriker, 1922:110); see Caracas, Cuchilla.

CARACAS, CUCHILLA; La Guajira 1057/7334 (USBGN)
3,900 m, ridge E of Río [Quebrada] Macotama [1055/7310 (USBGN)]/Río San Miguel [1106/7328 (USBGN)] and SE of town of San Miguel [1058/7329 (USBGN)] on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA, as "Cerro de Caracas"); Carriker, up to 12,000 ft [3,650 m], 30 Mar., 1-2, 4 Apr. 1914 (Todd & Carriker, 1922:110, as "Cerro de Caracas"; UMMZ, as "Cerro de Caracas"; ANSP, as "Cerro Caracas"; CM); Todd & Carriker (loc. cit.) suggest that if Brown worked here specimens were labeled "San Miguel" (which see).

CARACOLÍ; La Guajira 1057/7304 (USBGN)
480 m, on easternmost slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] in central southern part of Península de la Guajira [1200/7130 (USBGN)], 30 km NNW of Fonseca [1054/7251 (USBGN)] (MHA); Serna, Nov. 1980 (Serna, 1984:28, 34).

CARACOLICITO; Cesar 1012/7358 (USBGN)
ca. 100 m, at southwestern base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] in northwestern Cesar near border of Magdalena (Atlas, 1977); forest, predominantly *Anacardium*, being destroyed, Lehmann, 29-30 Mar. 1941 (Lehmann, 1957:117, 121, 146); Carriker, date ? (Dugand, 1948a:184); von Sneidern, Mar. 1941 (FMNH); Wetmore and Carriker, 25 Mar. 1941 (Wetmore, 1942:265).

CARAMANTA; Antioquia 0533/7538 (USBGN)
2,121 m, in southern Antioquia, on western side of Río Cauca [0854/7428 (USBGN)], close to border of Caldas (MHA); Serna and Cock, at La Línea [not located], 12 Apr., 15 June 1966 (Serna, 1980:42, 104).

CARANÁ; Guainía ? Not located
ca. 100 m (Atlas, 1977); in backwater on upper Río Inírida [0355/6752 (USBGN)], Fernández, at Alto Caribe [? /7035 (Borrero, 1955:7)], date ? (Borrero, 1955:7); see Inírida, Río.

CARARE (Nicéforo & Olivares, 1976a:20); see Carare, Río.

CARARE, CERRO; Boyacá 0555/7327 (USBGN)
ca. 2,600 m, in northern central Boyacá, 45 km N of Tunja [0531/7322 (USBGN)], between Chitaraque [0602/7327 (USBGN)] and Togüí [0555/7331 (USBGN)] (MHA; Dicc. Geog.); D. W. Snow and B. K. Snow,

at 2,300-2,500 m, forested with open areas, 29 July-3 Aug., 14-22 Aug. 1978 (Snow and Snow, 1980:106).

CARARE, RÍO

0648/7406 (USBGN)

Rises on western slope of central Eastern Andes in northwestern Cundinamarca and western Boyacá, where known as Río Minero [0615/7408 (USBGN)], and flows N to meet Río Magdalena [1106/7451 (USBGN)] in Santander between Barrancabermeja [0703/7352 (USBGN)] and Puerto Berrío [0629/7424 (USBGN)] (MHA); collector ?, at mouth, 1931 (Dugand, 1941b:358); collector ?, at river, apparently where road from Cimitarra [0618/7357 (USBGN)] to San Fernando [0614/7413 (USBGN)] crosses, date? (Olivares, 1967:46,56); Richter, in the river valley W of Landázuri [0614/7349 (USBGN)], at 800-900 m, date ? (Dugand, 1948a:189); Nicéforo & Olivares, 1976a:20, as "Carare."

CARATE, CAÑO; Cesar

Not located

A channel or stream, probably close to Río Magdalena [1106/7451 (USBGN)], in municipio of Aguachica [0820/7335 (USBGN)], southern Cesar, doubtless near terminus of Río Cáchira del Espíritu Santo [0752/7340 (USBGN)] which collector also visited on same date, Romero, 7 Aug. 1971 (Olivares & Romero, 1973:47); collector ? [Romero ?], 13 Aug. 1971 (Borrero & Cruz, 1983:55).

CARDÓN; La Guajira

1155/7213 (USBGN)

Sea level, about midway down the Caribbean coast of Península de la Guajira [1200/7130 (USBGN)], 90 km above Ríoacha [1133/7255 (USBGN)] (MHA, as "Cardón de los Remedios"; Atlas, 1977); Serna, 1980 and/or 1981 (Serna, 1984:21).

CARDÓN, EL; see El Cardón.

CARDÓN, PÁRAMO DEL; Santander

Not located

Carriker, date ? (Borrero, 1960b:238, 242); Borrero (op. cit.) in the same paper used both "Páramo del Cardón, Santander" and "El Cardon, Santander," which suggests they are synonymous; they probably refer to the El Cardón [not located], which see.

CARDÓN DE LOS REMEDIOS (MHA); see Cardón.

CAREPA, RÍO; Antioquia

0749/7649 (USBGN)

Rises on western side of northern Serranía de Abibe [0750/7630 (USBGN)] and flows W to lower Río León [0756/7645 (USBGN)] near head of Golfo de Urabá [0825/7653 (USBGN)] (MHA; IGAC [Antioquia]); collector ?,

[Haffer ?], 2 km above mouth of "Sucia Creek" and 1 km above mouth of "Piedras Blancas Creek" [not located], dates ? (Haffer, 1967b:29, 38).

CARIMAGUA; Meta ca. 0435/7120 (Atlas, 1977)
150-175 m (FMNH); in llanos of extreme northeastern Meta, on Laguna de Carimagua [ca. 0437/7120 (Atlas, 1977)] between Río Meta [0612/6728 (USBGN)] and Río Muco [0415/7021 (USBGN)], 33 km ESE of San Pedro de Arimena [0437/7142 (USBGN)] (Atlas, 1977); agricultural station, gallery forest, Furniss, Aug., Sept., Nov., Dec. 1975, Jan.-Mar., 9-30 Apr., May 1976, Brown, Dec. 1976 (FMNH; Mack & Fisher, 1988:398; Hilty & Brown, 1986:146, 162, 166, 170, 502, 527).

CARMELO, EL; see El Carmelo.

CARMEN; Valle del Cauca (MHA); see El Carmen, Valle del Cauca.

CARMEN, EL; see El Carmen.

CARMEN DE APICALÁ; Tolima 0409/7444 (USBGN)
ca. 400 m, in upper Magdalena Valley close to base of Eastern Andes, 28 km SE of Girardot [0418/7448 (USBGN)] and 10 km SSW of Melgar [0412/7439 (USBGN)] (MHA); Miller, 18 Oct. 1944 (Miller, 1947:355); Sturton, 18 Oct. 1944 (MVZ); Borrero, date ? (MCZ); Borrero and Bernal, 4 Oct. 1959 (ANSP); Marinkelle, 19 Feb. 1967 (WFVZ); Marinkelle, at Km 9, between Carmen de Apicalá and Melgar, 24 Jan. 1960 (LACMNH); de Schauensee, 1948a:284, as "Apicala."

CARMEN DE BOLÍVAR, EL; see El Carmen de Bolívar.

CARMEN DE CARUPA; Cundinamarca 0521/7354 (USBGN)
2,980 m, on western slope of central Eastern Andes, near headwaters of Río Ubaté [0526/7345 (USBGN)], 11 km NW of Ubaté [0519/7349 (USBGN)], and 8 km NNE of Bogotá [0436/7405 (USBGN)] (MHA); González, May 1913 (Chapman, 1917:645, as "El Carmen"; FMNH, as "El Carmen"); de Schauensee (1948a:191) and Dugand (1948a:169) both state, without documentation, that El Carmen is equivalent to Carmen de Carupa, but USBGN does not indicate that Carmen de Carupa has ever been known as El Carmen; Olivares, 1969b:403, as "Carupa."

CARMEN DE JACOPÍ (de Schauensee, 1948a:291); see Yacopí.

CARMEN DE VIBORAL; Antioquia 0605/7519 (USBGN)
ca. 2,100 m, on eastern slope of northern Central Andes, 31 km SE of

Medellín [0615/7535 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1964:21); Olarte, 1990 (Anonymous, 1991a, as "El Carmen de Viboral").

CARMEN DE YACOPÍ (Niséforo, 1940:315); see Yacopí.

CARO, ESTACIÓN LA; see La Caro, Estación.

CARO, LA (Borrero, 1953a:3); see La Caro, Estación.

CARPINTERÍA (de Schauensee, 1948a:291); see Carpintero.

CARPINTERO; Santander 0805/7351 (USBGN)
ca. 50 m, on eastern bank of middle Río Magdalena [1106/7451 (USBGN)], 9 km SW of Bodega Central [Olaya Herrera, 0809/7347 (USBGN)], extreme northwestern Santander (MHA); collector ?, date ? (de Schauensee, 1948a:291, also gives alternative spelling of "Carpintería").

CARPINTERO, SERRANÍA DE; La Guajira 1210/7206 (USBGN)
230 m, very small range of hills S of Bahía de Portete [1213/7155 (USBGN)] and SE of Cabo de la Vela [1213/7211 (USBGN)] northwestern Península de la Guajira [1200/7130 (USBGN)] (MHA, as "Cerros del Carpintero"; Atlas, 1977); Serna, Nov. 1980 (Serna, 1984:22, 32, 43, as "Carpinteros" and "Cerro Carpintero").

CARPINTERO, CERRO (Serna, 1984:32); see Carpintero, Serranía de.

CARPINTERO, CERROS DEL (MHA); see Carpintero, Serranía de.

CARPINTEROS (Serna, 1984:22); see Carpintero, Serranía de.

CARRAIPÍA; La Guajira 1116/7222 (USBGN)
ca. 100 m, in lowlands off northern tip of Serranía de Perijá [1000/7300 (USBGN)], just W of Venezuela border (MHA, as "Garraipia"); Wetmore and Carriker, 28-31 May, 2-7, 9-10, 23 June 1941 (Wetmore, 1941:208; Carriker, 1944, Proc. U. S. Nat. Mus., 95:156); Wetmore & Phelps, 1956, Proc. Biol. Soc. Washington, 69:9, as "Carriapia"; Niséforo & Olivares, 1965:38, as "Carroipía."

CARREÑO, PUERTO; see Puerto Carreño.

CARRIAPÍA (Wetmore & Phelps, 1956, Proc. Biol. Soc. Washington, 69:9); see Carraipía.

CARRIZAL; La Guajira 1201/7211 (USBGN)
ca. sea level, 27 km S of Cabo de la Vela [1213/7211 (USBGN)] and 94 km NE of Ríoacha [1133/7255 (USBGN)] on western side of Península de la Guajira [1200/7130 (USBGN)] (MHA); Serna, 1980 and/or 1981 (Serna, 1984:19).

CARRO QUEMADO; Vichada ca. 0550/6833
ca. 200 m (Atlas, 1977); in northern Vichada on road between Puerto Carreño [0612/6722 (USBGN)] and Villavicencio [0409/7337 (USBGN)], 120 km W of Puerto Carreño, collector ?, 21 Mar. 1971 (Olivares, 1974a:80).

CARROIPÍA (Nicéforo & Olivares, 1965:38); see Carraipía.

CARTAGENA; Bolívar 1025/7532 (USBGN)
Sea level, port on Caribbean, with small hill (Cerro la Popa [1026/7532 (USBGN)]) rising within the city (Atlas, 1977); early source of Colombian birds (de Schauensee, 1948a:291); Haeberlin, Jan.-Apr. 1826 (Friedmann, 1957:498); Schott, Wood, and Wood, Nov. 1857, and also on Cerro la Popa, which see (Cassin, 1860:132ff, as "Carthagenia"; Cassin, 1861:219ff, as "Cartajena"); Detwiler [Detwiler], nearby and on Cerro la Popa, 23 Jan. 1888 (Stone, 1899:313; ANSP); Boucard, 1891 (UMMZ); Milner, Feb. 1895 (Salvin, 1896, Cat. Birds Brit. Mus., 25, p. 80); Kerr, 1909 ? (Chapman, 1917:643, as "Carthagenia"); Carriker, 22 Jan. 1915, 4, 12, 19-28 Jan. 1916 (Carriker, 1955:52; CU; CM; ANSP); and 15-27 Aug. 1942 (USNM); Dugand, at sea off Cartagena, June 1932 (Dugand, 1940b:212); Dugand, between [Canal del] Dique [1017/7531 (USBGN)] and Cartagena, date ? (Dugand, 1940d:27); collector ?, at Cartagena, between Cartagena and Turbaco [1020/7525 (USBGN)], and between Cartagena and Luruaco [1037/7510 (USBGN)], dates ? (Borrero, 1972b:398); Marinkelle, 8 June 1966, 9 May 1967, collector ?, 15 Sept. 1969 (WFVZ); Marinkelle, 4 July 1966, 10 July 1967 (LACMNH), 28 Jan., 3, 28 Feb. 1968 (UMMZ); Serna and Cadavid, 2 Feb. 1972 (Serna, 1980:18); Denham, in harbor, Feb. 1972, Gochfeld and Keith, in harbor, 21-22 Jan. 1977 (Gochfeld, et al., 1980:196-197); Brown, 30 Mar. year ? (Hilty & Brown, 1986:104); Alfaro and Russi, at Laguna de San Lorenzo within city of Cartagena, 1 Aug.-20 Sept. 1986 (Alfaro & Russi, 1989:6).

CARTAGENA; Caquetá 0120/7451 (USBGN)
ca. 250 m, on Río Caguán [0008/7418 (USBGN)], short distance below mouth of Río Guayas [0123/7450 (USBGN)], central western Caquetá (MHA; Atlas, 1977; Atlas, 1992, as "Cartagena de Chaira"); Marinkelle and Posada, 27 Mar. 1970 (WFVZ, as "Cartagena de Chaira").

CARTAGENA DE CHAIRA (Atlas, 1992); see Cartagena, Caquetá.

CARTAGO; Valle del Cauca 0445/7555 (USBGN)
880 m, on eastern side of middle Cauca Valley, 23 km WSW of Pereira [0449/7543 (USBGN)] and 34 km SW of Manizales [0505/7532 (USBGN)] (MHA); collector ?, 20 km S, 4 May 1957 (Maltby, 1958:42); collector ?, date ?, and between Obando [0435/7559 (USBGN)] and Cartago, date ? (Borrero, 1972b:400); Naranjo, 4 Apr. 1981 (Naranjo, 1981b); Lehmann and Dugand, between Ansermanuevo [0448/7559 (USBGN)] and Cartago, Aug. 1941 (Dugand, 1941a:55); Lehmann and Borrero, at border between Chocó and Valle del Cauca on Cartago/Nóvita [0457/7634 (USBGN)] road, date ? (Dugand, 1942:75); Naranjo, 7 km W, 3 Mar.-7 Apr. 1981 (Naranjo, 1991c), 6 km W, 30 May, 21-22 June 1988 (Naranjo, 1991b); collector ?, 16 mi [25 km] S, 28 Oct. 1977 (Houston, 1990, Amer. Birds, 44:218).

CARTAJENA (Cassin, 1861:220); see Cartagena.

CARTHAGENA (Cassin, 1860:132); see Cartagena.

CARUPA (Olivares, 1969b:403); see Carmen de Carupa.

CASABE; Antioquia 0703/7353 (USBGN)
ca. 100 m, in middle Magdalena Valley in extreme northeastern Antioquia, across river from Barrancabermeja [0703/7352 (USBGN)] (MHA, as "Cazabe"); collector ?, date ? (de Schauensee, 1952a:1189); Nicéforo, 22, 26 Feb., 7 Mar. 1960, Nicéforo and Bernardo, 7 Mar. 1960 (Serna, 1980:29; lafrancesco, et al., 1985:52; 1987:72, 84); Romero, date ? (Olivares & Romero, 1973:45).

CASACARÁ; Cesar 0950/7316 (USBGN)
ca. 100 m, at western base of central Serranía de Perijá [1000/7300 (USBGN)], 25 km SSW of Agustín Codazzi [1002/7314 (USBGN)] (MHA, as "Casacarás"); heavy forest and open savanna, Carriker, 16-17 Mar., 13-16, 18-22, 25 May 1942 (USNM).

CASACARÁS (MHA); see Casacará.

CASA DE ASTILLERO; Norte de Santander 0808/7235 (USBGN)
55 m, on eastern side of northern extension of the Eastern Andes on left side of middle Río Zulia [0904/7218 (USBGN)], 33 km from Venezuela border and 28 km NNW of Cúcuta [0754/7231 (USBGN)] (MHA, as "El Astillero"); collector ?, date ? (Nicéforo & Olivares, 1964:5, 17, as

"Astillero"); Nicéforo, 5, 15-18, 21 Sept., 18 Oct., 15 Nov. 1955, 28 Jan. 1959 (Serna, 1980:19, 53, as "Astillero"; Iafrancesco, et al., 1985:44, 56, as "Astillero"; 1987:72, 89, 103, as "Astillero"; 1988:132, 137, as "Astillero"); Nicéforo, on road to Tibú [0839/7242 (USBGN)], 22 Aug. 1960 (Iafrancesco, et al., 1987:76, as "Astillero")

CASA DEL MICO (Nicéforo & Olivares, 1964:23); see Los Micos.

CASANARE; Boyacá Not located
Romero, 10 Mar. 1971 (Olivares & Romero, 1973:49); collector ?, date ? (Nicéforo, 1923:296); possibly refers to Río Casanare [0602/69511 (USBGN)].

CASANARE, INTENDENCIA DEL ca. 0520/7140
In sparsely populated eastern lowlands, formerly part of Boyacá, between Río Casanare [0602/6951 (USBGN)] and Río Meta [0612/6728 (USBGN)], bordered on N by Arauca, on E by Vichada, on S by Meta and on W by Boyacá; El Yopal [0521/7223 (USBGN)] principal town.

CASANARE, LLANOS DE; Casanare/Arauca
That portion of Eastern Llanos on either side of Río Casanare [0602/6951 (USBGN)] in Arauca and Casanare; Romero, date ? (Olivares & Romero, 1973:45); de Schauensee, 1948a:289, lists as an erroneous spelling "Caçanares;" also see Casanare, Río and Upía, Río.

CASANARE, RÍO 0602/6951 (USBGN)
Rises on eastern slope of north-central Eastern Andes in Boyacá and flows E to left bank of Río Meta [0612/6728 (USBGN)] forming boundary between Arauca and Casanare (MHA); collector ?, date ? (Nicéforo, 1945:385); collector ?, along Boyacá/Arauca portion, date ? (Dugand, 1972b:399); collector ?, on "Llanos del Casanare," date ? (Borreo, 1972b:399); collector ?, 22 Jan 1971 (WVZ, as "Llanos de Casanare, Boyacá").

CASA SUMAPAZ (MHA); see Sumapaz.

CASAS VIEJAS; Cauca 0239/7642 (USBGN)
ca. 1,650 m, on eastern slope of Western Andes near El Tambo [0225/7649 (USBGN)], Lehmann, 1935 and other dates ? (Lehmann, 1960a:267); not on our maps.

CASCADA, LA; see La Cascada.

CASILLO, EL (LACMNH); see Castilla.

CASIQUIARE, RÍO (de Schauensee, 1952a:1183); see Guainía, Río.

CASTELLA MOUNTAINS (MCZ); see La Castilla.

CASTILA, EL (MCZ); see La Castilla.

CASTILE MOUNTAINS (MCZ); see La Castilla.

CASTILLA; Tolima 0349/7504 (USBGB)
ca. 300 m, on railroad in upper valley of Río Magdalena [1106/7451 (USBGN)], 22 km NNE of Natagaima [0351/7506 (USBGN)] and 15 km WSW of Purificación [0351/7455 (USBGN)] (MHA; Atlas, 1977); Marinkelle, 14 Mar. 1964 (LACMNH, as "El Casillo"); collector ?, 3 Aug. 1964 (WVZ, as "Castillo").

CASTILLA; Valle del Cauca (MCZ); see La Castilla.

CASTILLA, LA; see La Castilla.

CASTILLA MOUNTAINS (Hellmayr, 1936, Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt. 9, p. 202); see La Castilla.

CASTILLETE (Serna, 1984:21); see Castilletes.

CASTILLETES; La Guajira 1151/7120 (USBGN)
Sea level, town on southern coast of Península de la Guajira [1200/7130 (USBGN)], almost on the Venezuela border (MHA, as "Los Castilletes"); Serna, 1980 and/or 1981 (Serna, 1984:2, 21, as "Castillete"); Serna's map (p. 2) shows Castilletes as "Castillete" and it is unlikely that he meant Punta Castillete [1152/7217 (USBGN)] on the Caribbean coast.

CASTILLO; Tolima (WVZ); see Castilla.

CASTILLO; Valle del Cauca (CU); see La Castilla.

CATABUMBO; Norte de Santander Not located
On Río Tibú [0842/7239 (USBGN)], which rises at eastern base of northern extension of Eastern Andes and flows N and E to Venezuelan border, collector ?, date ? (Necéforo & Olivares, 1967:420); possibly a misspelling of Catatumbo, which see, although Río Catatumbo [0921/7145 (USBGN)] is N of the Río Tibú and the two are not interconnected.

CATACA, Río; Magdalena 1044/7345 (USBGN)
Rises on western slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], joining Río Aracataca [1046/7422 (USBGN)] at base near Aracataca [1036/7412 (USBGN)] (MHA); listed, erroneously, as an alternative name for Río Aracataca by Todd & Carriker (1922:110); probably not a collecting site.

CATAMUCHO (Wyatt, 1871:319); see Tacamocho.

CATATUMBO; Norte de Santander Not located
Collector ?, date ? (Nicéforo & Olivares, 1975:5; 1976a:28); probably refers to Río Catatumbo [0921/7145 (USBGN)] which rises in southern Serranía de Perijá [1000/7300 (USBGN)] and flows NE and E to empty into Lago de Maracaibo [0940/7130 (USBGN)], Venezuela; doubtless not the Catatumbo [coordinates ?] in the municipio of Ríonegro [0716/7309 (USBGN)] on the other side of the Andes in Santander (Dicc. Geog.); Hilty & Brown, 1986:ix, as "Catatumbo lowlands"; also see Catabumbo and Presidente, Río.

CATIVAL; Córdoba 0817/7541 (Hershkovitz, 1977:926)
120 m, on upper Río San Jorge [0907/7444 (USBGN)], a tributary of Río Magdalena [1106/7451 (USBGN)], Hershkovitz, July 1949 (Hershkovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 926; Blake, 1955:9, 11); old name for site SW of Planeta Rica [0825/7536 (USBGN)] and NW [=NE] of Ciénaga de San Lorenzo [0810/7453 (USBGN)], clear except for remnants of forest on some hills (Haffer, 1975:73).

CAUCA Not located
Nicéforo ?, Jan. 1919 (MCZ); possibly town of Cauca [0443/7601 (USBGN)] in northern Valle del Cauca was meant, but more likely it is the river or department.

CAUCA, DEPARTAMENTO DEL 0230/7650 (USBGN)
Southwestern Colombia, extending from Pacific across Andes into eastern lowlands; bordered on N by Valle del Cauca, on NE by Tolima, on E by Huila, on SE by Caquetá, on S by Putumayo and Nariño, and on W by Pacific; Río Cauca [0854/7428 (USBGN)] and Río Patía [0213/7840 (USBGN)] rise here; principal city is Popayán [0227/7636 (USBGN)].

CAUCA, EL; see El Cauca.

CAUCA, RÍO

0854/7428(USBGN)

Major river rising near Popayán [0227/7636 (USBGN)], Cauca, and flowing N between the Central and Western Andes to enter Río Magdalena [1106/7451 (USBGN)] via Brazo de Loba [0920/7442 (USBGN)] (MHA); some material, e.g., Batty, June, 8 Nov. 1897, June-July 1898 (MCZ; FMNH; CU) and Richardson, Feb. 1911 (FMNH), labeled as "Cauca Valley" without specific locality; Salmon, ca. 1872-78, frequently labeled specimens "Cauca," probably referring to the river valley roughly between towns of Antioquia [0633/7550 (USBGN)] and Jericó [0547/7547 (USBGN)] in Antioquia (Sclater & Salvin, 1879:489); Palmer, at Guabinas [Hacienda Guabinas, 0334/7631 (USBGN)], Valle del Cauca, ca. 3 km SW of Yumbo [0335/7628 (USBGN)] and on west bank of the river, 8-28 Jan. 1908 (MCZ, as "Guabinas" or merely "Río Cauca"); Miller, 9 km SE of Cali [0327/7631 (USBGN)], Valle de Cauca, 10 July 1958 (MVZ) and 8 km SW of Buga [0354/7617 (USBGN)], Valle del Cauca, 14 Jan. 1959, (Miller, 1960:235); collector ?, in southern Antioquia, date ? (de Schauensee, 1946b:5); Ramakka and Ramakka in valley near Palmira [0332/7616 (USBGN)] and between Santander de Quilichao [Santander, 0301/7628 (USBGN)] and La Unión [0432/7608 (USBGN)], 1 May 1973-30 Apr. 1974 (Ramakka & Ramakka, 1979:534); Schuchmann, in vicinity of Cali, July-Aug. 1976, Jan.-Feb. 1977 (Schuchmann, 1987a:20; 1987b:122).

CAUCACÍA (Iafrancesco, et al., 1985:52); see Caucasia.

CAUCASIA; Antioquia

0800/7512 (USBGN)

100 m, on lower Río Cauca [0854/7428 (USBGN)], ca. 80 km N of where it emerges from between the Andes, close to Córdoba boundary (MHA); Willis, 21-22 June 1962 (Haffer, 1967b:14-16; Willis, 1988:138; MVZ); collector ?, date ? (Borrero, 1972b:399); collector ?, between Río Rayo [0734/7521 (USBGN)] and Caucasia, 17 Jan. 1963 (Niséforo & Olivares, 1967:424; Iafrancesco, et al., 1985:52, as "Caucacia"); Cadavid, 8 km transect between here, La Esmeralda [not located], and Hacienda la Cristalina [not located], 4 Oct. 1990 (Anonymous, 1990b:20).

CAUCAYÁ (Dugand, 1948a:170); see Puerto Leguízamo.

CAUCHO, EL; see El Caucho.

CAUQUETA, RÍO (MCZ); see Cauquita, Río.

CAUQUITA, RÍO; Valle del Cauca

Not located

Small channel of Río Cauca [0854/7428 (USBGN)] a few km S of Cali

[0327/7631 (USBGN)], sometimes misspelled "Río Caquetá" which leads to confusion with the major Río Caquetá [0308S/6446 (USBGN)] of Amazon slope (de Schauensee, 1952a:1128); Batty, 5, 15 June 1897 (ANSP, as "Río Canquita"); specimens in FMNH and MCZ collected by Batty in June, July, Sept. 1897 and May, 19 June, 16, 18, 29 Aug., 1 Sept. 1898, and labeled as "Río Caquetá," presumably from Río Cauquita because Batty is known to have worked around Cali in those periods.

CAUTILITO (de Schauensee, 1948a: 292); see Cantilito.

CAVE OF THE OILBIRDS (McKay, 1980a:107); see Los Guácharos, Cueva de.

CAYAIMA (MVZ); see Coyaima.

CAYUMBA; Santander Not located.
Alt.?: village ca. 40 km W of Puerto Wilches [0721/7354 (USBGN)] (Dicc. Geog.); presumably near the head of Quebrada Cayumba [0715/7341 (USBGN)] a small tributary of the Río Sogamosa [0713/7356 (USBGN)] rising in lowermost western foothills of northern Eastern Andes, ca. 40 km SW of Puerto Wilches (MHA); Romero, 20, 28 Feb., June, 12 Dec. 1971, 20 Feb. 1972 (Olivares & Romero, 1973:52, 54, 55); collector ?, date ? (Borrero, 1972b:399, as "Puerto Cayumba," probably an error for Cayumba).

CAYUMBA, PUERTO (Borrero, 1972b:399); see Cayumba.

CAZABE (MHA); see Casabe.

CEBOLLETA, CUCHILLA; Magdalena 1055/7355 (USBGN)
2,460 m, spur on [north]western side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], near San Pedro de la Sierra [1054/7403 (USBGN)], dense forest, Romero and Bernal, probably in mid-1970s (Romero, 1977: 2); this does not appear on any of our maps, although San Pedro de la Sierra does (Atlas, 1977; IGAC [Magdalena]).

CEDEÑO; Antioquia 0705/7520 (USBGN)
ca. 1,000 m, in northern part of Central Andes, 15 km NNE of Yarumal [0658/7524 (USBGN)] (MHA); Arbeláez and Serna, 17 Sept. 1973 (Serna, 1980:56).

CEDRITO (Dicc. Geog); see Cedrito de Lebrija.

CEDRITO, EL (MVZ); see Cedrito de Lebrija.

CEDRITO DE LEBRIJA; Santander ca. 0702/7313
1,000 m (LACMNH); in north-central Santander, SW of Bucaramanga [0708/7309 (USBGN)] in municipio of Girón [0708/7315 (USBGN)], and SW of town Girón [0704/7311 (USBGN)] (Dicc. Geog., as "Cedrito"); near Lebrija [0707/7313 (USBGN)] and Portugal [ca. 0708/7315 (Atlas, 1977)]; Carriker, 6, 8, 11, 25 June, 10 July, 10, 17, 20 Dec. 1963 (WFVZ, as "Cedrito de Lebrija"; LACMNH, as "Cedrito de Lebrija"; MVZ), 28-29 Feb., 3, 27 Mar., 24 Apr., 3, 13, 15, 27 May, 3 July, 2 Aug., 8, 10, 13, 15, 17, 20 Oct., 17 Dec. 1964, 2 Jan. 1965 (MVZ, sometimes as "El Cedrito"); presumably on Río Lebrija [0808/7347 (USBGN)], thus the inclusion of this name, although neither Cedrito, El Cedrito, nor Cedrito de Lebrija appear on our maps.

CEDRO, ALTO DE; La Guajira 1109/7215 (USBGN)
450 m, in northern Serranía de Perijá [1000/7300 (USBGN)], Montes de Oca [1100/7225 (USBGN)], on Colombia/Venezuela border, tropical, Urbano, 20 July-9 Aug. 1953 (Phelps & Phelps, Jr., 1955:47); de Schauensee, 1959:65, as "Cerro Alto del Cedro."

CEIBA, LA; see La Ceiba.

CEILÁN; Caquetá ca. 0130/7535
ca. 300 m (MHA); 11 km S of Florencia [0136/7536 (USBGN)] (Nicéforo & Olivares, 1964:15); not shown on our maps, probably along one of two roads extending SW and SE from Florencia, meaning the site is not due S; collector ? [Nicéforo ?], 18 May year ? (Nicéforo & Olivares, 1964:8, 9), Nicéforo, 3 Aug., collector ? [Nicéforo ?], 7 Aug. 1951, 26 Apr., 7 May 1954 (Iafrancesco, et al., 1985:44, as "Cailán," p. 58; 1988:115, 131; 1989:153); Nicéforo, 15 Sept. 1951, 7 May 1954 (Iafrancesco, et al., 1987:120).

CEJA, LA; see La Ceja.

CENIZA, BOCAS DE; Atlántico 1107/7451 (USBGN)
Name applied to mouth of Río Magdalena, 15 km NNW of Barranquilla [1059/7448 (USBGN)] (MHA); vast area of sandbars, mangroves, swamps, and open water (Dugand, 1947c:537); collector ?, Mar. 1941 (Dugand, 1947a:394; Lehmann, 1957:128); Borrero, Dugand, and Cortés, 27 Jan. 1947 (Dugand, 1947c:530).

CENTRO, EL; see El Centro.

CERBATANA; see Villavieja.

CERETÉ; Córdoba 0853/7548 (USBGN)
15 m, on Caribbean coastal plain, 16 km NE of Montería [0846/7553 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:398); collector ?, between Montería and Cereté, date ? (Borrero, 1972b:398).

CERRITO (MHA); see El Cerrito.

CERRITO, EL; see El Cerrito.

CERRO PINTADO CAMP (USNM); see Junco, Laguna de.

CESAR, DEPARTAMENTO DEL 0920/7330 (USBGN)
Northern Colombia; formerly eastern part of Magdalena; bordered on NE by La Guajira, on E by Venezuela, on SE by Norte de Santander, on S by Santander, on SW by Bolívar, and on NW and N by Magdalena; mainly lowlands but embraces W slope of Serranía de Perijá [1000/7300 (USBGN)] and SE slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)]; Río Magdalena [1106/7451 (USBGN)] forms SW border; principal city is Valledupar [1029/7315 (USBGN)].

CESAR, RÍO; Cesar/Magdalena 0900/7358 (USBGN)
Major river rising between Serranía de Perijá [1000/7300 (USBGN)] and the eastern base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], and flowing ca. 250 km SW to Ciénaga de Zapatosa [0905/7350 (USBGN)] and lower Río Magdalena [1106/7451 (USBGN)] (MHA); although Todd & Carriker (1922:111) list this river, they cite no collections from the river proper; collector ?, date ? (Borrero, 1972b:396); sometimes spelled "Río Cesare" (de Schauensee, 1948a:292).

CESARE, RÍO (de Schauensee, 1948a:292); see Cesar, Río.

CHACHAGÜÍ; Nariño 0123/7716 (USBGN)
ca. 1,500 m, at junction of Western and Central Andes, 17 km N of Pasto [0113/7717 (USBGN)], on Río Pasto [0128/7720 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1964:16).

CHAFARRAY (Serna, 1980:41); see Chafurarray.

CHAFFURAY (Haffer, 1967a:347); see Chafurarray.

CHAFURRAY; Meta 0310/7314 (USBGN)
ca. 200 m, in llanos on upper Río Ariari [0235/7245 (USBGN)], 65 km NE of Serranía de la Macarena [0245/7355 (USBGN)] and 21 km SE of Puerto

Lleras [Puerto Saíz, 0316/7323 (USBGN)] (MHA; Atlas, 1977); Nicéforo, 7, 14-16, 18 Jan. 1946 (Nicéforo, 1947:324ff; Serna, 1980:41, as "Chafarray"); Haffer, 1967a:347, as "Chaffuray."

CHAIRA, LAGUNA; Caquetá 0115/7450 (USBGN)
ca. 250 m, large lake on right side of upper Río Caguán [0008/7418 (USBGN)], central western Caquetá (MHA); collector ? [Marinkelle and Posada ?], 20, 27 Mar., 20 May [Mar. ?] 1970 (WVZ).

CHALÁN; Bolívar 0933/7519 (USBGN)
ca. 250 m, at southeastern end of Montañas de María [0940/7515 (USBGN)], 11 km WNW of Ovejas [0932/7514 (USBGN)] and 30 km SW of El Carmen de Bolívar [0943/7508 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:177).

CHAMBA, LA; see La Chamba.

CHAMBA, PUERTO DE (MHA); see La Chamba.

CHAPARRAL; Tolima 0343/7528 (USBGN)
880 m, deep in eastern side of Central Andes, near headwaters of Río Tetuán [0353/7510 (USBGN)], an affluent of Río Saldaña [0401/7452 (USBGN)] which is a tributary of upper Río Magdalena [1106/7451 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1966:390); collector ?, Feb. 1963 (WVZ); A. H. Miller, 6 km E, at 2,700 ft [800 m], 27 Jan. 1949 (Miller, 1952a:456; MVZ).

CHAPINERO; Cundinamarca ca. 0436/7405
ca. 590 m (MHA); suburb in eastern part of city of Bogotá [0436/7405 (USBGN)], close to mountains (Atlas, 1977); Nicéforo ?, date ? (Nicéforo, 1940:318; 321, as "Estadio La Salle (Chapinero)"); Nicéforo, 12 Nov. 1939, 25 Oct. 1940 (Friedmann, 1947:486-487), 10 Oct. 1941 (Nicéforo, 1945:388); collector ?, 8 July, 9 Oct. 1945 (Iafrancesco, et al., 1988:117); Idinael, 21 Oct. 1947 (Nicéforo, 1948:204); collector ?, 17 July 1955 (Olivares, 1973:110).

CHAQUIRO (Atlas, 1977); see El Chaquiro.

CHAQUIRO, EL; see El Chaquiro.

CHARALÁ; Santander 0617/7310 (USBGN)
1,373 m, on western slope of northern Central Andes, on Río Pienta [0617/7310 (USBGN)], 32 km SSW of San Gil [0633/7308 (USBGN)] and

20 km N of Virolín [0605/7312 (USBGN)] (MHA); collector ?, date ? (Romero, 1980:4, as "Charalá, Virolín (= Cañaverale, 1,765 m)."

CHARCO VERDE; see San Pedro; Antioquia.

CHARGUAIGUAICO, QUEBRADA; Cauca ca. 0204/7704
On outskirts of Patía [0204/7704 (USBGN)], by highway, in valley of upper Río Patía [0213/7840 (USBGN)], Negret, Aug. 1988 (Negret, 1992:45).

CHARGUAYACO; Cauca ca. 0240/7657
7,200 ft [2,200 m], on western slope of southern Western Andes, ca. 8 mi [12.5 km] N of Cerro Munchique [0232/7657 (USBGN)], heavy subtropical forest, Dunning, Apr. 1967 (de Schauensee, 1967:1), 31 Mar. 1973, 30 Aug. 1977 (ANSP); Lehmann, July 1956 (Negret, 1991:41); von Sneider, 16 Aug. (LACMNH), 7 Oct. 1955 (ANSP), 20 July, 21 Sept. 1956, May, Aug. 1957, 11 Feb. 1958 (YPM), 17 Feb. (ANSP), Sept. 1968 (LSU), 15 Aug. 1970 (ANSP), 5, 18 May 1975 (Marín & Stiles, 1993:480); not shown on our maps.

CHARO, ISLA (de Schauensee, 1948a:293); see Charo, Isla de.

CHARO, ISLA DE; Arauca 0702/7148 (USBGN)
ca. 200 m, large island in upper Río Arauca [0724/6635 (USBGN)] in eastern foothills of Eastern Andes, Peñaranda de Suárez, ca. 1944 (Niséforo, 1947:325); de Schauensee, 1948a:293, as "Isla Charo."

CHARRURA, QUEBRADA; Córdoba 0800/7549 (USBGN)
Small tributary on left bank of upper Río San Jorge [0907/7444 (USBGN)], ca. 80 km S of Montería [0846/7553 (USBGN)], near northern limit of forest; Beattie, May 1960, Haffer, Apr. 1963 (Borrero, Olivares, & Hernández, 1962:586; Haffer & Borrero, 1965:32, 36; Haffer, 1975:74); not on our maps.

CHAYASQUER; Nariño Not located
2,380 m, on western slope, von Sneider, date ? (Dugand, 1941b:359); von Sneider, 2,300-2,600 m, Apr. 1940 (Dugand, 1941a:61).

CHENDUCUA; Cesar 1047/7325 (USBGN)
5,900 ft [1,800 m], on eastern lower slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] on Río Guatapurí [1027/7312 (USBGN)], NW of

Atanquez [1042/7321 (USBGN)], forested, Carriker, between 5,700-6,800 ft [1,750-2,075 m], 3-18, 20-22 Apr. 1946 (USNM).

CHERUA; La Guajira ? 1052/7323 (USBGN)
ca. 1,500 m, on western slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] on Río Surivaca [ca. 1045/7315 (Atlas, 1977)] (Atlas, 1977); erroneously given by Brown (e.g. Bangs, 1901:65) as 7,000 ft [2,150 m] (Todd & Carriker, 1922:111); Simons, at 4,000 ft [1,200 m], 21 Aug. 1878 (Salvin & Godman, 1880:117, as "Chirua"); Brown, at [sic] 7,000 ft [2,150 m], 22 Jan., 5, 7-17, 19, 23 Feb., 3, 13-21, 24 Mar. 1899 (Bangs, 1899a:92ff; 1902:83, as "Chirua"; MCZ; ANSP, as "Chirua"); Carriker, 8, 10-12, 14, 16, 19, 21 Mar. 1914 (Todd & Carriker, 1922:111, as "Chirua"; UMMZ, as "Chirua"; CM, as "Chirua"; ANSP, also as "Chiru"); there is considerable confusion over the location of this site; Carriker (Todd & Carriker, 1922:111) places it on northern slope, but says "Chirua" is in a valley of the same name that runs W to E -- an impossibility on a N slope; USBGN cites only Alto de Chirua [Páramo de Chirigua (1056/7322)] and fails to list a Río Surivaca, but does list two nearby Cheruas (1047/7319 and 1052/7323); the latter Cherua seems to be the one shown in Atlas, 1977, but whether this is the one visited by ornithologists is unknown, as well as unimportant.

CHÍA; Cundinamarca 0452/7404 (USBGN)
2,562 m (de Schauensee, 1952a:1128); on Sabana de Bogotá, 30 km N of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:170; Borrero, 1972b:401); collector ?, Sept. 1947 (Iafrancesco, et al., 1986:48); collector ?, nearby, 25 Nov. 1951 (de Schauensee, 1952a:1144); Arvey, 12 Oct. 1959, Marinkelle, 14 Oct. 1966 (LACMNH); LaRotta, on nearby Río Bogotá [0418/7448 (USBGN)], 15 Nov. 1951 (Borrero, 1952a:8).

CHICACA, PÁRAMO; Cundinamarca Not located
Near Laguna Negro [Laguna Negra; not located], Bonaparte, 13 Aug. 1959 (WFVZ).

CHICAMOCHA, RÍO; Boyacá/Santander 0646/7312 (USBGN)
Major river of northern Eastern Andes rising NW of Laguna de Tota [0533/7255 (USBGN)] in northern Boyacá and flowing N and W on western side of Eastern Andes to join Río Suárez [0646/7316 (USBGN)] in Santander to form Río Sagamoso [0713/7356 (USBGN)] (MHA; Atlas, 1977); Nicéforo, date ?, at Jordán [0644/7307 (USBGN)] and Pescadero [0650/7300 (USBGN)] on lower Chicamocha (Nicéforo, 1945:390); Olivares and Hernández, 8 Dec. 1952-26 Jan. 1953, in vicinity of Soatá

[0620/7241 (USBGN)], on middle Chicamocha (Borrero & Olivares, 1955:51); Nicéforo, date ?, at Boavita [0620/7235 (USBGN)] and La Uvita [0618/7234 (USBGN)] on Quebrada Ocalaya [ca. 0618/7239 (IGAC [Boyacá])], a short tributary of middle Chicamocha (Nicéforo, 1945:390); collector ?, on river [where ?], date ? (Borrero, 1970b:702).

CHICAQUE; Cundinamarca 0436/7420 (USBGN)
1,800 m, on western slope of central Eastern Andes on upper Río Bogotá [0418/7448 (USBGN)] above Santandercito [0436/7421 (USBGN)], collector ?, date ? (de Schauensee, 1952a:1202, as "Vereda Chicaque"); ca. 10 km NW of Salto de Tequendama [0435/7418 (USBGN)]; not on our maps.

CHICHIRA; Norte de Santander Not located
Near Pamplona [0723/7239 (USBGN)], Nicéforo, 23 Jan. 1955 (Iafrancesco, et al., 1986:44).

CHICO, EL; see El Chico.

CHICO; Cundinamarca Not located
Doubtless same as El Chico [not located] and Quebrado [sic] del Chico, both of which see; on Sabana de Bogotá, collector ?, 14 May 1949 (Olivares, 1969b:380); above Bogotá [0436/7405 (USBGN)], Donahue, 28 Jan. 1973 (Gochfeld, et al., 1980:199); probably this is the Río Chico [0445/7408 (USBGN)] on northern outskirts of Bogotá (MHA, as "Río Chico").

CHICO, QUEBRADO [sic] DEL; Cundinamarca Not located
Probably the same as Chico [not located], which see; above Bogotá [0436/7405 (USBGN)], Donahue, 28 Jan. 1973 (Gochfeld, et al., 1980:199).

CHICORAL; Tolima 0413/7459 (USBGN)
ca. 500 m, on western side of upper Magdalena Valley, on Río Coello [0418/7454 (USBGN)], 22 km SW of Girardot [0418/7448 (USBGN)] (MHA); arid, sparse trees and bushes along river, Miller and Allen, 6-13 Oct. 1911 (Chapman, 1917:36, 644); Fuertes, 23 May 1911 (CU); Nicéforo, date ? (Nicéforo, 1945:388); collector ?, July 1944 (Iafrancesco, et al., 1987:122).

CHIGODORÓ, RÍO (Haffer, 1975:74); see Chigorodó, Río.

CHIGORODÓ; Antioquia 0741/7642 (USBGN)
ca. 100 m, in lowlands 28 km S of Golfo de Urabá [0825/7653 (USBGN)]

on upper Río Chigorodó [0745/7650 (USBGN)], a tributary of Río León [0756/7645 (USBGN)] (MHA); collector ?, 1 Jan. 1955 (Iafrancesco, et al., 1989:150); Willis, 10 Mar. 1962 (Willis, 1988:139); Marinkelle, nearby, Apr. 1963 (LACMNH); Marinkelle, Feb., Apr. 1964 (WFVZ), Apr. 1965 (Romero & Rodríguez, 1980:5); Serna and Molina, 3 Jan. 1965 (Serna, 1980:38); Marinkelle, 1, 4-7 Apr. 1966, Apr. 1968 (WFVZ; UMMZ; LACMNH).

CHIGORODÓ, RÍO; Antioquia 0745/7650 (USBGN)
Small river rising on western slope of northern end of Western Andes in Serranía de Abibe [0750/7630 (USBGN)] and emptying into head of Golfo de Urabá [0825/7653 (USBGN)] (MHA); Haffer, at forested base of Serranía de Abibe, 2-8 Apr. 1964 (Haffer, 1974:74, as "Río Chigodoró").

CHILES (Borrero, 1960b:241); see Chiles, Volcán.

CHILES, NEVADO DE (Borrero, 1960b:238); see Chiles, Volcán.

CHILES, VOLCÁN; Nariño 0048/7757 (USBGN)
4,748 m, on Colombia/Ecuador boundary, about in middle of Andes (MHA, as "Volcán de Chiles"); von Sneider, at 11,800 ft [3,350 m], on eastern side, 15-16 Feb., 10-16, 18 Mar., 3 Dec. 1941 (de Schauensee, 1945a:2; FMNH; UMMZ; ANSP); various observers, at "Resguardo Indígena de Chiles," 20 July 1990, 3 June 1991, 26 Aug. 1992 (Lieberman, et al., 1993:84-85; Barrera & Feliciano, 1994); Borrero, 1960b:238, as "Nevado de Chiles," p. 241, as "Chiles."

CHILES, VOLCÁN DE (MHA); see Chiles, Volcán.

CHILES INDIAN RESERVE (Lieberman, et al., 1993:84); see Chiles, Volcán.

CHILÍ; Tolima 0409/7527 (USBGN)
ca. 2,100 m, on eastern slope of Central Andes, on Río Chilí [0407/7516 (USBGN)], 43 km SW of Ibagué [0427/7514 (USBGN)], collector ?, date ? (de Schauensee, 1948a:293; MHA); see, also, Chilí, Río.

CHILÍ, RÍO; Tolima 0407/7516 (USBGN)
Rises at Páramo de Chilí [0415/7538 (USBGN)] at crest of Central Andes and flows down eastern slope, 35 km S of Ibagué [0427/7514 (USBGN)] (MHA); collector ?, date ? (Dugand, 1941b:362); de Schauensee (1948a: 293) cites the town of Chilí [0409/7527 (USBGN)], on the river, but no collector or date.

CHIMBE; Cundinamarca 0455/7428 (USBGN)
Alt.?: on western side of Eastern Andes, S of Albán [0453/7427 (USBGN);
not indicated on our maps; collector ?, date ? (RDB).

CHIMÍ (Atlas, 1977); see Bocas de Chimí.

CHIMÍ, BOCAS DE; see Bocas de Chimí.

CHINA, QUEBRADA LA; see La China, Quebrada.

CHINÁCOTA; Norte de Santander 0737/7236 (USBGN)
1,330 m, in Río Pamplonita [0820/7221 (USBGN)] valley, 32 km SSW of
Cúcuta [0754/7231 (USBGN)], on eastern slope of northern Eastern Andes
(MHA); Nicéforo, Sept.-Oct. (Nicéforo, 1945:389, 392), 20 Nov. 1944
(ANSP).

CHINCHICUÁ; Cesar ca. 1030/7335
6,600 ft [2,000 m], a stream, and also a locality where trail from Pueblo
Bello [1025/7335 (USBGN)] to San Sebastián [de Rábago, 1034/7336
(USBGN)] crosses stream, below Cerro Alguacil [1031/7334 (USBGN)],
savanna and virgin forest (USNM); on southeast slope of Sierra Nevada de
Santa Marta [1050/7340 (USBGN)] (MHA); wooded, wet, subtropical
(Todd & Carriker, 1922:111); Simons, 15 Feb., 15-16 Apr. 1878 (Salvin
& Godman, 1879:199, 205, 206, as "Chinchicua" and "Valley of
Chinchicua," with same altitude for both); Chapman, 1917:644, as
"Chinchicua Pass" and "Chinchicua Valley"; Carriker, from 6,000-8,000 ft
[1,850-2,450 m], 15-25 Jan. 1946 (USNM); Todd & Carriker, 1922:108
believed, that [Cerro] Alguacil and Chinchicuá were same locality.

CHINCHINÁ; Caldas 0458/7536 (USBGN)
1,433, on western slope of middle Central Andes, 15 km SW of Manizales
[0505/7532 (USBGN)] and 35 km NE of Pereira [0449/7543 (USBGN)]
(MHA); Borrero, Dec. 1952 (Borrero, 1955:19), 2 Jan. (Borrero,
1953aa:3), 8 Jan. 1953 (Olivares, 1958b:287), and Apr. 1954 (Borrero,
1955:8).

CHINGASA, PÁRAMO DE (Nicéforo, 1923:338); see Chingaza, Páramo de

CHINGAZA, PÁRAMO DE; Cundinamarca 0431/7345 (USBGN)
3,950 m, eastern slope of central Eastern Andes, 35 km E of Bogotá
[0436/7405 (USBGN)] (MHA); site of Parque Nacional Natural Chingaza
[0430/7340 (WCMC)]; collector ?, Dec. 1916 (Nicéforo, 1923:338, as
"Páramo de Chingaza"); collector ?, 1924 (Iafrancesco, et al., 1988:109);

McKay, in park at 3,000 m, Dec. year ? (Hilty & Brown, 1986:582, 639); Barbosa, at 3,250 m, 10 Oct. 1981 (Fjeldså & Barbosa, 1983); Fjeldså, 9-10 Oct. 1981 (Fjeldså, 1993:227); various observers, 21 May, 7 June, 13 July 1989, 29 June. 12 Oct. 1991, 6 Sept. 1992, Sept. 30 Oct., Dec 1993, Jan., Feb. 1994 (Lieberman, et al., 1993:84-85; Barrera & Feliciano, 1994).

CHINGAZA, PARQUE NACIONAL NATURAL; see Chingaza, Páramo de.

CHINIBAUQUE (de Schauensee, 1948a:293); see Chinivaque.

CHINITO, HACIENDA; see Hacienda Chinito.

CHINIVAQUE; Casanare 0609/7220 (USBGN)
1,400-1,500 m, on Río Chinivaque [ca. 0609/7220 (Atlas, 1977)], a tributary of upper Río Casanare [0602/6951 (USBGN)], near La Salina [0606/7220 (USBGN)] (de Schauensee, 1948a:293, as "Chinibaque"); although the town is not shown on our maps, the Río Chinivaque appears in Atlas, 1977, flowing from central Eastern Andes, roughly parallel to the borders of both Boyacá and Arauca; Carriker, date ? (Todd, 1942, Ann. Carnegie Mus., 29:366); Carriker, 31 Mar., 1 Apr. 1917 (WFWZ; CM).

CHINÚ; Córdoba 0906/7524 (USBGN)
124 m, in northeastern Córdoba, 24 km S of Sincelejo [0918/7524 (USBGN)] (MHA); collector ?, between Chinú and Sincelejo, date ? (Borrero, 1972b:398).

CHIPAQUE; Cundinamarca 0427/7403 (USBGN)
2,470 m, eastern slope of central Eastern Andes, 17 km SSE of Bogotá [0436/7405 (USBGN)], on road to Villavicencio [0409/7337 (USBGN)], on Río Une [0426/7401 (USBGN)], affluent of Río Caqueza [0424/7355 (USBGN)] (MHA); Chapman, et al., at 9,000-10,000 ft [2,750-3,050 m], 21-25 Feb. 1913 (Chapman, 1917:51, 644; CU); collector ?, 3 Apr. 1916 (Apolinar, 1916:79); Borrero, 21, 23, 29 May 1959, Bernal, 2 June 1959, 31 Jan. 1969 (LACMNH); collector ?, 12 Feb. 1967 (Olivares, 1974a:105); collector ?, date ? (Niséforo, 1940:320); collector ?, date ? (Borrero, 1972b:401).

CHIPAQUE, BOQUERÓN DE; Cundinamarca ca. 0429/7405
3,150 m, pass above Chipaque [0427/7403 (USBGN)], on eastern slope of central Eastern Andes, through which runs road to Bogotá [0436/7405 (USBGN)], Borrero and Bernal, 21, 23, 26, 29 May, 2 June, 8 Oct. 1959 (FMNH; ANSP); collector ?, 1 June 1968 (WFWZ).

CHIPICHAPE; Valle del Cauca ca. 0330/7630
ca. 1,000 m (MHA); Olivares, between Arroyo Hondo [0331/7631 (USBGN)] and Chipichape, 1949 (FMNH); northern suburb of Cali [0327/7631 (USBGN)]; not on our maps.

CHIQUEQUIRÁ; Boyacá 0537/7350 (USBGN)
2,570 m, on western slope of central Eastern Andes, 56 km WNW of Tunja [0531/7322 (USBGN)], 115 km NNE of Bogotá [0436/7405 (USBGN)] and 16 km NW of Laguna de Fúquene [0528/7345 (USBGN)] (MHA); A. H. Miller, 3 km E, at 8,400 ft [2,550 m], 20 Jan. 1948, 10 km ESE, at 8,400 ft [2,550 m], 20 Jan. 1948 (MVZ); von Sneidern, 12 Feb. 1950 (Blake, 1959:9).

CHIRCAL, LAGUNA; Valle del Cauca 0352/7621 (USBGN)
ca. 360 m, large lake in upper Cauca Valley, just E of Río Cauca [0854/7428 (USBGN)] and 5 km WSW of Buga [0354/7617 (USBGN)] (MHA); de Schauensee, 1948a:310, as "Laguna de Mediacanoa"; Lehmann (1957:147) says it is called "Laguna de Mediacanoa," "Laguna de Sonso," or "Laguna de el Chircal," but USBGN lists only "Laguna Chircal"; Mapa, Valle, 1973 also gives as "Laguna Chircal"; Reserva Natural de Sonso covers 2,045 ha, of which 594 are permanently occupied by the lake (Restrepo, 1985, as "Laguna de Sonso"); Borrero, Apr.-July 1967, Dec. year ? (Borrero, 1968b:26, 29, as "Laguna de Sonso"); Hilty, 6 June year ? (Hilty & Brown, 1986:503, as "Lago de Sonso"), 31 Aug. 1972 (Hilty, 1977:48, as "Lago de Sonso"); various observers, 26 Apr. 1981 (Murcia, 1981a, as "Laguna de Sonso"); Ridgely and Hilty, 17 Feb. 1984 (Hilty & Brown, 1986:570, as "Lago de Sonso"); Naranjo, Apr. 1983-May 1984 (Naranjo, 1989:244, as "Laguna de Sonso"); Alvarez-López, et al., ca. 16 Oct. 1988 (Anonymous, 1989); Alvarez-López and Pérez, 14 Oct. 1989 (Anonymous, 1990c, as "Laguna de Sonso"); Naranjo, et al., July 1992 (Naranjo, 1993:30, as "Laguna de Sonso"); Granados & Ramírez, 1978:1ff, as "Laguna de Sonso."

CHIRE, RÍO; Casanare Not located
Borrero and Cruz, date ? (Borrero & Cruz, 1983:54); there are rivers bearing this name at 0600/7133 (USBGN) and at 0602/7117 (USBGN); the latter, with its mouth on the Río Ariporo [0603/6954 (USBGN)], is the more prominent and presumably the one visited,

CHIRIBÍO; Cauca 0221/7643 (USBGN)
1,800 m (MCZ); on eastern slope of Western Andes in upper Cauca Valley SW of Popayán [0227/7636 (USBGN)] and near Timbío [0221/7640

(USBGN)] and El Tambo [0225/7649 (USBGN)]; Pazos, 28 Mar., 28 May 1972 (MCZ); not on our maps.

CHIRIBIQUETE, PARQUE NATURAL NACIONAL DE; see Chiribiquete, Sierra de.

CHIRIBIQUETE, SIERRA DE; Guaviare 0122/7241 (USBGN)
869 m, isolated range of sandstone table mountains in southwestern Guaviare (MHA); sometimes considered to extend into central Caquetá to ca. 0030/7300; site of 1,250,000 ha Parque Natural Nacional de la Sierra de Chiribiquete [0056/7242 (Díaz, Stiles, & Tellería, 1995:192); 0031/7250 (WCMC)]; Palacios and Franco, at Valle de las Abejas [ca. 0050/7240 (Stiles, 1996:6)], Dec. 1990, Stiles, et al., in northern part of range at Valle de los Menhires [ca. 0105/7240 (Stiles, 1996:6)] and in national park, 18 Nov.-2 Dec. 1992 (Stiles, 1995b:3; 1996:3; Díaz, et al., 1995:192; Stiles, et al., 1995:482; Tellería & Díaz, 1995:344; Díaz & Tellería, 1996:420); also see Mesay, Río.

CHIRIGUA, PÁRAMO DE; La Guajira 1056/7322 (USBGN)
11,800-15,000 ft [3,350-4,600 m], Brown, 22, 24-29 Feb., 5-13, 25-26 Mar. 1899 (Bangs, 1899a:92, et seq.; 1899b:84, as "Páramo de Chiruqua"; MCZ, as "Páramo de Chirigua"); large páramo at headwaters of Quebrada Macotama [1055/7330 (USBGN)] on NE slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Carriker, 8, 10-11, 16-21 Apr. 1914 (Todd & Carriker, 1922:120 and 447, at "Lake Macotama" and "Páramo de Chiruqua"; CM, sometimes as "Alto de Chírúa"); MHA, as "Alto de Chírúa"; de Schauensee, 1948a:293, as "Páramo de Chirucua" and "Páramo de Chirugua."

CHIRIGUANÁ Cesar 0922/7336 (USBGN)
50 m, 20 km W of western foothills of northern extension of Eastern Andes and some distance NE of Ciénaga de Zapatosa [0905/7350 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:396); collector ?, between El Paso [0940/7345 (USBGN)] and Chiriguaná, date ? (Borrero, 1972b:396).

CHIRIQUÍ (Boucard, 1892:73); now in Panama.

CHIRIQUÍ, VOLCÁN DE (Boucard, 1892:73); now in Panama.

CHIRU (ANSP); see Cherua.

CHIRUA (Bangs, 1899a:92); see Cherua.

CHÍRUA, ALTO DE (MHA); see Chirigua, Páramo de.

CHIRUCUA, PÁRAMO DE (de Schauensee, 1948a:293); see Chirigua, Páramo de.

CHIRUGUA, PÁRAMO DE (de Schauensee, 1948a:293); see Chirigua, Páramo de.

CHIRUQUA, PÁRAMO DE (Bangs, 1899a:92); see Chirigua, Páramo de.

CHISACÁ, LAGUNA; Cundinamarca 0417/7413 (USBGN)
4,000 m, on Páramo Chisacal [not located; Páramo de Chiscá ?], a spur of Páramo de Sumapaz [0345/7425 (USBGN)] in Eastern Andes, 45 km SW of Bogotá [0436/7405 (USBGN)], Borrero, 24, 28 Aug. 1952 (Borrero, 1953a:3-5, as "Lagunas de Chisacal" and "Lagunas del Chisacal"; MHA, as "Lagunas de Chiscá; Atlas, 1977; ANSP, 10 June 1956 (MVZ, as "Lagunas de Chisacal"); Olivares, Apr. (FMNH), 8 Oct. 1959 (MVZ, as "Lagunos del Chisacal"); Bernal and Borrero, 14 Apr. 1959 (MCZ; LACMNH, as "Laguna del Chisacal"); Arvey, 8 Oct. 1959, 28 Jan. 1960 (LACMNH); Borrero and Olivares, western slope of Páramo de Sumapaz, 28 Nov. 1961 (Nicéforo & Olivares, 1975:2, as "Lagunas del Chisacal"); Fjeldså, 6-7 Oct. 1981 (Fjeldså, 1993:227, as "Chizacá"; Nicéforo & Olivares, 1967:415, as "Laguna de Chisacal."

CHISACÁ, LAGUNAS DE (MHA); see Chisacá, Laguna.

CHISACÁ, PÁRAMO DE; Cundinamarca ca. 0420/7415
3,450-3,900 m, spur off NW end of Páramo de Sumapaz [0345/7425 (USBGN)], 40 km SW of Bogotá [0436/7405 (USBGN)], Snow, ca. 1 Aug.-11 Sept. 1982 (Snow, 1983:90); name does not appear on available maps; see Chisacá, Laguna

CHISACAL, LAGUNA DE (Nicéforo & Olivares, 1967:415); see Chisacá, Laguna.

CHISACAL, LAGUNA DEL (LACMNH); see Chisacá, Laguna.

CHISACAL, LAGUNAS DE (Borrero, 1953aa:3); see Chisacá, Laguna.

CHISACAL, LAGUNAS DEL (Borrero, 1953aa:5); see Chisacá, Laguna.

CHISACAL, LAGUNOS DEL (MVZ); see Chisacá, Laguna.

CHISQUÍO; Cauca 0229/7652 (USBGN)
ca. 2,000 m, just NW of El Tambo [0225/7649 (USBGN)] on lower eastern slopes of Western Andes, W of Popayán [0227/7636 (USBGN)] (de Schauensee, 1948a:294); von Sneider, Feb., May 1937 (FMNH), 7 May 1954 (YPM), 26 June 1955 (LACMNH), 21 Sept. 1956 (YPM); see, also, Cerro Munchique [0232/7657 (USBGN)] as specimens sometimes cited under this general name.

CHITA; Boyacá 0611/7228 (USBGN)
3,005 m, on western watershed of central Eastern Andes, but very close to divide and eastern slope, 35 km SW of Sierra Nevada del Cocuy [0625/7218 (USBGN)] (MHA); Apolinar, date ? (Apolinar, 1914:199, as "Nevado de Chita," which is not on our maps but presumably is a peak in vicinity of Chita); Carriker, 5-6 Apr. 1917 (CM, as "Chita, Casanare"); Olivares, 3 Jan. 1963 (Olivares, 1963b:27).

CHITA; Casanare (CM); see Chita, Boyacá.

CHITA, NEVADO DE (Apolinar, 1914:199); see Chita.

CHITAGÁ Norte de Santander 0709/7240 (USBGN)
2,410 m, at headwaters of Río Chitagá [0714/7227 (USBGN)], 25 km S of Pamplona [0723/7239 (USBGN)] and 52 km E of Bucaramanga [0708/7309 (USBGN)], on eastern slope of northern Eastern Andes (MHA); José de la Salle, 18 Apr. 1950 (Nicéforo, 1967:4); Nicéforo, between Chitagá and Cúcuta [0754/7231 (USBGN)], 15 Sept. 1950 (Serna, 1980:100).

CHITAGÁ RÍO; Norte de Santander 0714/7227 (USBGN)
Small affluent of Río Margua [0703/7205 (USBGN)] rising on eastern side of northern Eastern Andes south of Pamplona [0723/7239 (USBGN)] (MHA); collector ?, W of Labateca [0718/7229 (USBGN)], date ? (Nicéforo & Olivares, 1964:18).

CHITOTA, Santander ca. 0713/7305
800 m, on road to Bucaramanga [0708/7309 (USBGN)], Carriker, 20 Nov. 1960, 10, 14 Mar. 1961, 16, 18 Apr. 1963 (FMNH; WFVZ; YPM); in municipio of Bucaramanga [0713/7305 (USBGN)], N of city (Dicc. Geog.).

CHIVAJORA Not located
Borrero, 25 Nov. 1960 (ANSP); possibly a misspelling.

CHIZACÁ (Fjeldså, 1993:227); see Chisacá, Laguna.

CHOACHÍ; Cundinamarca 0432/7356 (USBGN)
 1,966 m, 20 km ESE of Bogotá [0436/7405 (USBGN)] on right bank of Río Blanco [0430/7354 (USBGN)], across valley from Fómeque [0429/7354 (USBGN)], on eastern slope of central Eastern Andes (MHA); source of many "Bogotá" specimens taken at various altitudes (de Schauensee, 1948a:294); Apolinar, date ? (Chapman, 1917:644); collector ?, 16 Dec. year ?, Fuertes, 2, 20, 22, 26, 30 Jan., 1, 5, 12, 23, 26, 28 Feb. 1913, collector ?, Mar. 1913, Oct. 1916 (CU); collector ?, 10 Nov., 22 Dec. 1914, 4 Jan., 4 June 1915 (FMNH; UMMZ; ANSP); Guevara, date ? (Dugand, 1941b:359); collector ?, May (UMMZ), Aug. 1917 (Nicéforo, 1923a:338); Nicéforo ?, Mar. 1919, Apr., May 1920, July 1921, May, Aug., Oct., Nov. 1922 (MCZ; UMMZ); collector ?, Dec. 1932, 1934, 1937, 1940 (Iafrancesco, et al., 1986:43, 64, 66); von Sneider, at 5,000 ft [1,500 m], date ? (Bond & de Schauensee, 1940:168), at altitude ?, 28 Jan., 19-20, 22, 25, 27-28 Feb., 5, 10, 15, 18, 20, 22-23, 25, 28, 30-31 Mar., 15 Oct., 8, 20 Nov. 1940, 23 Mar., 1941 (UMMZ; ANSP); Herrera, 26 Mar., 19-20, 23 June 1940, Borrero, date ? (LACMNH; ANSP), 10 Jan. 1942 (MVZ); collector ?, 5 May 1942, doubtless not at this altitude (Nicéforo, 1945:375); collector ?, 1949 (Iafrancesco, et al., 1988:118); collector ?, Apr. 1968, Feb. 1969 (WFVZ).

CHOACHÍ, PÁRAMO; Cundinamarca 0433/7358 (USBGN)
 ca. 3,000-3,500 m, 12 km SE of Bogotá [0436/7405 (USBGN)], above Choachí [0432/7356 (USBGN)], on eastern side of central Eastern Andes (MHA); collector ?, 4 Jan. 1915 (ANSP); Abello, 5 Jan., Apolinar, 4 Mar., collector ?, 6 Aug. 1916, and collector ?, 1916 (Apolinar, 1916:32, 47, 144); Nicéforo ?, 2 July 1917, Aug. 1918 (MCZ); collector ? [Nicéforo ?], 2 Aug. 1917 (UMMZ), Dec. 1918 (Nicéforo, 1923:339); Apolinar, Mar. 1916 (FMNH); collector ?, Oct. 1926, 1927, Aug. 1928, Sept. 1929, July 1939 (Iafrancesco, et al., 1986:48, 63; 1987:136); collector ?, below at 2,980 m, date ? (Dugand, 1948a:178); observer ?, Oct. 1993 (Barrera & Feliciano, 1994:363); Olivares, 1969b:123, as "Páramo de Choachí."

CHOACHÍ, PÁRAMO DE (Olivares, 1969b:123); see Choachí, Páramo.

CHOCHO, EL; see El Chocho.

CHÓCO, BAHÍA DEL (de Schauensee, 1948a:288); see Buenaventura, Bahía de.

CHOCÓ, DEPARTAMENTO DEL 0600/7700 (USBGN)
 NW Colombia, extending from Panama and Golfo de Urabá [0825/7653 (USBGN)] on the Caribbean, halfway down Pacific coast; bordered on W by Pacific and on E by Antioquia, Risaralda, and Valle del Cauca, and on S

by Valle del Cauca; mainly very wet lowlands but embraces lower slopes of Western Andes along southern half of eastern border; thinly populated; principal town is Quibdó [0542/7640 (USBGN)]; Brown, off coast between 0558/7953 and 0622/7943, and at 0624/7043 [= 7943], 7 Dec. 1977, and between 0439/8010 and 0424/8010, 30 Oct. 1980 (Hilty & Brown, 1986:50, 184); Rowlett, off coast at 0707/7755, 5 Oct. 1992, Pitman, off coast at 0707/7844, 5 Oct. 1992 (WFFVZ)

CHOCONTÁ; Cundinamarca 0509/7341 (USBGN)
2,685 m, on eastern slope of central Eastern Andes, 75 km NE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, 29 Sept. 1943 (Nicéforo, 1945:388).

CHOLÓN, CIÉNAGA; Bolívar ca. 1015/7535
Swamp formed by the Caribbean on Isla Barú [1015/7535 (USBGN)], SW of Cartagena [1025/7532 (USBGN)] (Dicc. Geog.); Naranjo, 8 Nov. 1978 (Hilty & Brown, 1986:163).

CHONCHO, EL; see El Choncho.

CHONCIAL, LAGUNA DEL; Valle del Cauca ca. 0354/7617
Alt.?: near Buga [0354/7617 (USBGN)] in upper Cauca Valley, Naranjo, occasionally, Apr. 1983-May 1984 (Naranjo, 1986:244).

CHORREADO; Nariño ca. 0050/7725
3,000 m, on western slope of Cordillera de Guamués [ca. 0050/7720] (which see), E of Puerres [0053/7730 (USBGN)] (de Schauensee, 1952a: 1115, 1128); Mena, 1, 3-9, 11-14, 17-18, 20-21, 28 Aug., 9 Sept. 1950 (de Schauensee, 1951b:1, 4; ANSP).

CHORRERA, LA; see La Chorrera.

CHORRO DE PADILLA (Nicéforo, 1940:319); see Bogotá.

CHORROSO (Iafrancesco, et al., 1985:44); see Fraguachorroso, Río.

CHOTATA; Santander Not located
900 m, Carriker, 16 Nov. 1964 (MVZ).

CHUARÉ, RÍO; Cauca 0253/7715 (USBGN)
Right bank affluent of Río San Juan de Micay [0305/7732 (USBGN)], rising on western slope of Western Andes in northern Cauca (IGAC [Cauca]); collector ?, 19 Sept. 1912 (CU, as "Río Chuari").

CHUARI, RÍO (CU); see Chuaré, Río.

CHUCARIMA; Norte de Santander 0713/7229 (USBGN)
Alt. ?; does not appear on our maps; in vicinity of upper Río Margua [0703/7205 (USBGN)] on eastern slope of northern Eastern Andes, on Río Valegrá [0714/7227 (USBGN)], subtropical, collector ?, date ? (Nicéforo, 1955b:178, 181; MHA).

CHUCUNÉS; Nariño 0112/7759 (USBGN)
ca. 1,500 m, in southern Nariño, on western slope, on upper Río Güiza [or Río Cualquer; 0122/7836 (USBGN)], 5 km SE of Ricaurte [0113/7759 (USBGN)] (Atlas, 1977, as "Chununés"); Thiollay, in vicinity, ca. 24 June-16 July 1988 (Thiollay, 1991).

CHUCURÍ, RÍO; Santander 0704/7322 (USBGN)
Rises in northern foothills of Cordillera de los Cobardes [0635/7327 (USBGN)] on western slope of northern Eastern Andes and flows N to left bank of middle Río Sogamoso [0713/7356 (USBGN)], 25 km WSW of Bucaramanga [0708/7309 (USBGN)] (MHA); Borrero and Hernández, at river on Hacienda Montebello [ca. 0700/7325 (USBGN)], 15 Nov. 1956 (Borrero & Hernández, 1957:358).

CHUCURÍ, SAN VICENTE DE; see San Vicente de Chucurí.

CHUNE; Cauca Not located
2,000 m, Carriker, 13 Nov. 1960 (LACMNH); probably an error as Carriker is known to have been in Santander, in vicinity of Bucaramanga [0708/7309 (USBGN)], on dates bracketing the one given here.

CHUNUNÉS (Atlas, 1977); see Chucunés.

CHUPALLAL DE PERICO (Pearman, 1993:68); see Chupayal de Perico

CHUPAYAL DE PERICO; Huila ca. 0155/7615
In municipio of Isnos [ca. 0155/7615 (Atlas, 1977)] on eastern side, near base, of Central Andes (Dicc. Geog.); in Parque Nacional Natural Puracé [0211/7622 (WCMC)], Pearman, 11 Apr. 1987 (Pearman, 1993:68, as "Chupallal de Perico").

CHURO YACU (Olson, 1980:73); see Churuyaco, Río.

CHURUYACO, RÍO; Nariño/Putumayo 0022/7707 (USBGN)
Small affluent of upper Río San Miguel [0008/7551 (USBGN)] in eastern

lowlands, rising on lower eastern slopes of Andes, ca. 45 km NNE of Cerro Pax [0023/7726 (USBGN)] and joining the San Miguel ca. 30 km E of Cerro Pax (MHA); T. Mena, 23, 25-30 Nov. 1950 (ANSP), 1-10, 12, 19 June 1951 (UMMZ; ANSP); Mena brothers, in subtropical zone, 25-26 Nov. 1950 (de Schauensee, 1952b:1-2, 27-30); Nicéforo & Olivares, 1967:405, as "Río Churuyacu"; Olson, 1980:73, as "Churo Yacu"; see, also, Río Rumiayaco [0021/7713 (USBGN)], Nariño.

CHURUYACU, RÍO (Nicéforo & Olivares, 1967:405); see Churuyaco, Río.

CHUSPAS; Santander 0722/7321 (USBGN)
ca. 200 m, at western base of northern Eastern Andes, on left bank of upper Río Lebrija [0808/7347 (USBGN)], 35 km NW of Bucamaranga [0708/7309 (USBGN)] and 11 km SE of Provincia [0725/7326 (USBGN)] (MHA); Romero, 14 Feb. 1970, 6 May 1972 (Olivares & Romero, 1973: 56, 69).

CHUZA; Cundinamarca ca. 0433/7345
3,050 m, 10 km N of Páramo de Chingaza [0431/7345 (USBGN)], Fjeldså, 9-13 Mar. 1981 (Fjeldså & Barbosa, 1983); McKay, 9 Nov. year ? (Hilty & Brown, 1986:241, as "Páramo de Chuza").

CHUZA, PÁRAMO DE (Hilty & Brown, 1986:241); see Chuza.

CIBRE; Norte de Santander Not located
Marinkelle, June 1966 (WFVZ); probably a misspelling.

CIÉNAGA; Magdalena 1101/7415 (USBGN)
Sea level, coastal town 28 km S of Santa Marta [1115/7413 (USBGN)] at NE edge of Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] (MHA, as "San Juan de Ciénaga"); Wyatt, 23 Dec. 1869 [?] (Todd & Carriker, 1922:112) and/or Jan. 1870 (Wyatt, 1871:115); Smith, 5, 8-17 Sept. 1898 (Allen, 1900a:125ff; CM); Carriker, 18 Oct. 1913 (Todd & Carriker, 1922:112) and Jan. 1926 (FMNH); Darlington, intermittently June 1928-Apr. 1929 (Darlington, 1931:349ff); collector ?, between Palmar de Varela [1045/7445 (USBGN)], Ciénaga, and Fundación [1031/7411 (USBGN)], date ? (Borrero, 1970b:702); collector ?, between Ciénaga and Fundación, date ? (Borrero, 1972b:398); Donahue, 1 Aug. 1974, Gochfeld and Keith, 1 km W, 19 Jan. 1977 (Gochfeld, et al., 1980:196, 199); observer ?, 23 Mar. year ? (Hilty & Brown, 1986:578); Koester, along highway between Ciénaga and Barranquilla, 17, 20, 23 Oct., 3-4, 15, 26 Nov., 7, 14, 21 Dec. 1978, 8, 17 Jan., 16, 22 Feb., 16 Mar., 24 Apr., 4, 15 May, 3 June, 12, 20

July, 2, 5, 14, 20 Aug., 4, 18, 26 Sept. 1979 (Koester, 1982); misprint of "Cunaga" and "Renaga" (de Schauensee, 1952a:1129, 1135).

CIÉNAGA DE ORO; Córdoba 0853/7537 (USBGN)
24 m, on Caribbean coastal plain, 32 km NE of Montería [0846/7553 (USBGN)] (MHA); collector ?, between Cereté [0853/7548 (USBGN)] and Ciénaga de Oro, date ? (Borrero, 1972b:398); collector ?, between Ciénaga de Oro and La Ye [0849/7530 (USBGN)], date ? (Borrero, 1972b: 399, as "La Y").

CIÉNAGA GRANDE DE SANTA MARTA; Magdalena 1050/7425 (USBGN)
Sea level, very large embayment, ca. 40 km SW of Santa Marta [1115/7413 (USBGN)], separated from Caribbean by Isla de Salamanca [1058/7430 (USBGN)] (which see), a barrier beach (Atlas, 1977); Wyatt, Jan. 1870 (Wyatt, 1871:115); Smith, 8-17 Sept. 1898 (Allen, 1900a:125ff); Carriker, 12, 18 Oct. 1913 (Todd & Carriker, 1922:112; CM); Darlington, intermittently, June 1928-Apr. 1929 (Darlington, 1931:349ff); Carriker, at town of Ciénaga [1101/7415 (USBGN)], Jan. 1926 (FMNH); Darlington, at town of Ciénaga and at Sevillano [1056/7415 (USBGN)], intermittently, June 1928-Apr. 1929 (Darlington, 1931:349ff); Zúñiga, Dec. 1937 (Dugand, 1940a:56); collector ?, in bay, 13 Apr. 1938 and 1946 (Dugand, 1947a:388, 394); Botero and Rusch, Nov. 1979-Apr. 1980, Sept.-Nov. 1980, winters Oct. 1985-Mar.1988 (Botero & Rusch, 1994:562).

CIERVO, CAÑO; Meta ca. 0307/7351 (Philipson, et al., 1951:189 (map))
Small affluent of Río Guapaya [ca. 0300/7345 (Atlas, 1992)] on eastern slope of northern end of Serranía de la Macarena [0245/7355 (USBGN)] ca. 2.5 km S of Entrada Camp [ca. 0308/7352 (Philipson, et al., 1951:189, map)], Doncaster, at 600 m, Dec. 1949-Jan. 1950 (Philipson, et al., 1951:189 (map); de Schauensee, 1952a:1127; Dugand, 1951b:157, as "Cañón Ciervo"); as noted by de Schauensee (1952a: 1130), the longitude of the map accompanying Philipson, et al., 1951 is labeled one degree too far E [the longitude given above has been corrected].

CIERVO, CAÑÓN (Dugand, 1951b:157); see Ciervo, Caño.

CIMITARRA; Santander 0618/7357 (USBGN)
ca. 250 m, at base of western slopes of central Eastern Andes, 55 km SE of Puerto Berrío [0629/7424 (USBGN)] and 30 km ENE of San Fernando [0614/7413 (USBGN)] (Atlas, 1977); collector ?, at Río Carare [0648/7406 (USBGN)], apparently where road from Cimitarra to San Fernando crosses river, date ? (Olivares, 1967:56).

CINCINATI; Magdalena 1106/7406 (USBGN)
1,480 m, large coffee plantation, in tropical and subtropical zones on southern slope of Cerro Quemado [1106/7403 (USBGN)] at western end of Cuchilla San Lorenzo [ca. 1110/7407 (IGAC, [Mag.])], formerly (when a small clearing) known as Valparaíso (MHA, as "Cincinnati"; Todd & Carriker, 1922:130, as "Cincinnati"; USNM, as "Cincinnati"); Smith, 7, 9-10, 13, 16, 18, 22-24, 28, 30 Mar., 2-5, 7, 10-11, 18 Apr., 25-26, 29, 31 May, 17, 28 June 1899 (Allen, 1900a:125ff, as "Valparaíso"; CM); Hull, 22 Jan., 3, 25, 29-30 Mar., 1, 14, 19 Apr., 26, 30-31 May 1899 (CM); Carriker, various periods, June 1911-July 1913, with known dates of 1-2, 6-7, 8-10, 13-16 June, 4-6, 20 July, 4-5, 7-9, 11-12, 16, 21, 24, 26 Aug. 1911, 15 Mar., 10-13, 18 Apr., 14, 20-21 Sept., 13-14 Oct. 1912, 10, 12, 16, 20, 24-25 Jan., 3, 5, 12 Feb., 7, 12-13, 18, 20, 22, 26-28, 30 Mar., 4-7, 15 Apr., 13 June, 4, 6-13, 17-18, 21-25 July 1913, 26 Mar. 1914, 1941-42, and 1944-45 (Todd & Carriker, 1922:112; Carriker, 1959a:214ff; Dugand, 1941b:361, as "Hacienda Cincinnati"; USNM, CU, as "Cincinnati"; CM; ANSP).

CINCINNATI (Todd & Carriker, 1922:130); see Cincinnati.

CINTO (Todd & Carriker, 1922:112); see Cinto, Ensenada de.

CINTO, ANCÓN DE (de Schauensee, 1948a:294); see Cinto, Ensenada de.

CINTO, ENSENADA DE; Magdalena 1120/7404 (USBGN)
Bay on Caribbean, 20 km NE of Santa Marta [1050/7340 (USBGN)] (MHA, as "Ancón de Cinto"; de Schauensee, 1948a:294, as "Ancón de Cinto"); Smith, 14 Feb., 22 May 1899, Edmondson, 12, 15-16 Feb., 7 May 1899 (Allen, 1904, Bull. Amer. Mus. Nat. Hist, 20:414, as "Clinto"; Todd & Carriker, 1922:112, as "Cinto"; CM).

CINTURUAGACA, CUCHILLA; Magdalena/Cesar 1041/7341 (USBGN)
3,980 m, ridge running E-W, ca. 15 km S of snow peaks of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA, as "Alto de Cuncucáca"); Carriker, date ? (de Schauensee, 1948a:296, as "Cungucaca," p. 297, as "Cuncugaca"); Wetmore, 1946b:6, as "Cucungaca."

CIRUELO (MVZ); see El Ciruelo.

CIRUELO, EL; see El Ciruelo.

CIRVELO (MCZ); see El Ciruelo.

CISNEROS; Valle del Cauca 0347/7646 (USBGN)
ca. 300 m, on right bank of Río Dagua [0352/7704 (USBGN)], Pacific slope of Western Andes, 35 km SE of Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); not equivalent to nearby Juntas [also Los Mangos; ca. 0346/7645 (Mapa, Valle, 1973)], as stated by Chapman (1917:649) and de Schauensee (1948a:294); Richardson, 10-21 Mar. 1911 (Chapman, 1917:649, as "Los Cisneros"); von Sneider, above Cisneros at 1,000 m, date ? (de Schauensee, 1948a:294); collector ?, date ? (Cantillo, 1983:72); not to be confused with the more prominent Cisneros [0633/7504 (USBGN)] in Antioquia; see, also, Juntas, Valle del Cauca.

CISPATÁ; Córdoba 0924/7547 (USBGN)
Sea level, village on eastern side of Puerto de Cispata [Bahía Cispata, 0924/7549 (USBGN)] on Caribbean coastal plain at mouth of Río Sinú [0924/7549 (USBGN)] (MHA); USBGN indicates that "Zapote" is an earlier name for Cispata and that "Puerto Cispata" is the same as the village of Cispata, treating "Puerto de Cispata" as the bay; de Schauensee (1948a:324) also states that "Puerto Zapote" is an earlier name for the town of Cispata; Carriker, 3 (ANSP), 31 Jan., 1-9, 11-12 Feb. 1916 (Dugand, 1948a:177, as "Zapote"; UMMZ; CM; ANSP, as "Zapote" and "Puerto Zapote"); collector ? [Carriker ?], date ? (de Schauensee, 1946c:11, as "El Zapote"; Todd, 1920, Auk, 37:211, as "Punto Zapote," which must be a lapsus for "Puerto Zapote" and certainly refers to the town [Cispata] rather than to the bay [Bahía Cispata]; Todd, 1942, Ann. Carnegie Mus., 29:365, 366, as "Puerto Zapote," referring to town.

CISPATÁ, PUERTO (USBGN); see Cispata.

CITA, LA; see La Cita.

CIUDAD UNIVERSITARIA; Cundinamarca ca. 0436/7405
2,567 m (de Schauensee, 1952a:112g); park-like site of Universidad Nacional within city of Bogotá [0436/7405 (USBGN)] (pers. obser.); records for Instituto de Ciencias Naturales (e.g., Borrero, 1946:172), which is within Ciudad Universitaria, are included here; Borrero, 7 Oct. 1943, 20 Apr., 1-14 Oct., 15-25 Nov. 1944, Feb., 18-19, 24 Apr., 15-20 May, 12 June, 10-18 Aug. 1945 (Borrero, 1946:172-173), 3 June 1945 (Borrero, 1945b: 415), 1-15 Oct., early Dec. 1946 (Níceforo, 1947:357), Aug. 1953 (MCZ); Fernández-Pérez, 23 Oct. 1951 (Borrero, 1952a:11); collector ?, 5 Nov. 1943 (Dugand, 1945b:404); collector ?, 18 Oct. 1958 (Olivares, 1973:117); plus many more records, frequently lacking collector's name and year of collection (e.g., Olivares, 1969b:77, 303).

CLARA, HACIENDA; see Hacienda Clara.

CLARA, QUEBRADA LA; see Quebrada La Clara.

CLARO, RÍO; Antioquia 0538/7541 (USBGN)
Small river, an affluent of Río San Juan [0556/7552 (USBGN)], in vicinity of Jardín [0535/7550 (USBGN)], southernmost southwestern Antioquia (Atlas, 1977; Dicc. Geog.); Stiles, et al., on river E of El Doradal [not located], 18-19 June 1990 (Stiles, 1990); Cuadros, ca. 4-7 Apr. 1989 (Cuadros, 1991a); identification of site uncertain as there are other rivers bearing this name in the area.

CLEMENCIA; Bolívar 1034/7520 (USBGN)
70 m, on Carribean coastal plain, 18 km from sea, 29 km NE of Cartagena [1025/7532 (USBGN)], and 6 km SSW of Santa Catalina [1036/7517 (USBGN)] (MHA); collector ?, date ? (Borrero, 1970b:702).

CLEMTINO, RANCHO; see Rancho Clemtino.

CLINTO (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:414); see Cinto, Ensenada de.

COBARÍA; Arauca (Borrero, 1970b:702); see Cobaría, Boyacá.

COBARÍA; Boyacá 0703/7205 (USBGN)
ca. 400 m, at mouth of Río Cobaría [0703/7204 (USBGN)] where it joins upper Río Arauca [0724/6635 (USBGN)] in northeastern extremity of Boyacá (MHA, as "Covaría"); collector ?, date ? (Borrero, 1970b:702, as "Cobaría, Arauca"); there is another Cobaría, also on Río Cobaría, at 0649/7210 (USBGN) [MHA, as "Covaría Sur"], but if this were meant it would not have been placed in Arauca by Borrero (op. cit.).

COBARÍA, RÍO; Boyacá 0703/7204 (USBGN)
Arises in highlands of northern Eastern Andes and joins upper Río Arauca [0724/6635 (USBGN)] near northeastern extremity of Boyacá, 15 km NW of Arauca boundary and near mouths of Río Cubugón [0703/7205 (USBGN)] and Río Margua [0703/7205 (USBGN)] (Atlas, 1977, as "Río Covaría"); collector ?, on "Río Cobaría," date ? (Borrero, 1972b:399); von Sneider at La Ceiba [ca. 0700/7210 (FMNH)], between Mar. and May 1959, recording locality as in Arauca, although the river flows only through Boyacá (FMNH; Blake, 1961:25ff); collector ?, on upper part, date ? (Niséforo, 1955b:180, also as "Río Tecaucha"); García, on upper part at

2,800 m, 1953 ?, and at San Francisco de Cobaría [not located], Feb. 1953 (Nicéforo, 1955b:180).

COBOYÓN, RÍO (Nicéforo & Olivares, 1966:391); see Cobugón, Río.

COBUGÓN, RÍO; Boyacá/Norte de Santander 0703/7205 (USBGN)
Rises on eastern slope of northern Eastern Andes and flows E to right bank of Río Margua [0703/7205 (USBGN)], a main tributary of upper Río Arauca [0724/6635 (USBGN)], and to mouth of Río Cobaría [0703/7204 (USBGN)], near eastern extremity of Norte de Santander and 15 km NW of Arauca boundary (MHA); von Sneidern, at Hacienda la Primavera [ca. 0700/7220 (FMNH)], May, at La Argentina [ca. 0700/7215 (FMNH)] and El Porvenir [ca. 0703/7210 (IGAC [N. de Santander])], Apr.-May 1959 (FMNH); Nicéforo & Olivares, 1964:20, as "Río Cobuyón"; 1966:391, as "Río Coboyón."

COBUYÓN, RÍO (Nicéforo & Olivares, 1964:20); see Cobugón, Río.

COCAL; Cauca 0231/7700 (USBGN)
4,000 ft [1,225 m], NW of Cerro Munchique [0232/7657 (USBGN)], on western slope of easternmost ridge of Western Andes, Miller and Richardson, 6-18 June 1911, some specimens taken at higher altitudes but also labelled "Cocal" (Chapman, 1917:30, 644); not indicated on our maps.

COCHA, LAGUNA DE LA; see La Cocha, Laguna de.

COCOMUCO (Nicéforo & Olivares, 1967:415); see Coconuco.

COCONUCO; Cauca 0220/7628 (USBGN)
2,480 m (de Schauensee, 1948a:294); at head of Río Cauca [0854/7428 (USBGN)], on western slope of southern Central Andes, on western shoulder of Volcán de Puracé [0221/7623 (USBGN)], 10 km from its peak and 18 km SE of Popayán [0227/7636 (USBGN)] (MHA); von Sneidern, 18 Mar 1937, 15 Jan., 5 Feb., 5-6, 20 Mar., 8 Apr., 1-6, 8-10, 14-20, 25, 30 May, 1, 3, 11, 14-16 June, 1-3 Dec. 1939, 10, 15 Mar. 1940 (FMNH; UMMZ; ANSP, sometimes as "Paletera [sic; Coconuco]"), and from 7,200-10,000 ft [2,200-3,050 m], date ? (Bond & de Schauensee, 1940:159); La Torre, 26 Nov. 1955 (Wallace, 1965:5); von Sneidern, above at 3,300 m, date ? (Dugand, 1941b:359); Carriker, 24-25 Sept. 1960 (WFVZ; LACMNH), Mar. 1962 (LSU); Nicéforo & Olivares, 1967:415, as "Cocomuco"; also see Paletará and Patico.

COCORNÁ; Antioquia 0602/7508 (USBGN) ca.
1,000 m, on eastern slope of Central Andes, 39 km NNE of Sonsón
[0542/7518 (USBGN)] and 52 km SE of Medellín [0615/7535 (USBGN)]
(MHA); Serna, 19 Feb. 1973 (Serna, 1980:94); Olarte and Betancur, 7
Apr. 1994 (SAO).

COCUTA SURATÁ (Wyatt, 1871:125); see Suratá.

COCUTA VALLEY (Wyatt, 1871:322); see Suratá.

COCUY, EL; see El Cocuy.

COCUY, RÍO; Cauca ca. 0226/7623
On western slope of Central Andes near Páramo de Puracé [ca. 0224/7623]
on Volcán Puracé [0221/7623 (USBGN)], collector ?, at 3,450 m, date ?
(Dugand, 1948a:164); not on our maps.

COCUY, SIERRA NEVADA DEL; see Nevada del Cocuy, Sierra.

CODAZZI (MHA); see Agustín Codazzi.

COELLO, RÍO; Tolima 0418/7454 (USBGN)
Originates on eastern slope of Central Andes just below Ibagué [0427/7514
(USBGN)] and joins upper Río Magdalena [1106/7451 (USBGN)] near
Girardot [0418/7448 (USBGN)] (MHA); Nicéforo, Mar. 1939 and date ?
(Friedmann, 1947:484, 489); collector ?, date ? (Nicéforo, 1940:316);
collector ?, at 400 m, date ? (Dugand, 1948a:180); Isaza, 15, 17 May 1969
(Serna, 1980:46, 53).

COFRE, EL; see El Cofre.

COFRUTAS, LAGO; Antioquia ca. 0630/7546
720 m, in central Antioquia in municipio of Sopetrán [0630/7546
(USBGN)], Piedrahíta, et al., 20 Oct. 1990 (Anonymous, 1990b:20, as
"Lago de Colfrutas"); Peña, et al., 9 Oct. 1991 (Anonymous, 1991b:32);
correct spelling unknown..

COGUA; Cundinamarca 0504/7359 (USBGN)
ca. 2,600 m, at northern end of Sabana de Bogotá, 5 km NE of Zipaquirá
[0502/7400 (USBGN)] (MHA); Nicéforo, 4 Aug. 1940 (Olivares,
1969a:128; ANSP).

COLEGIO, EL; see El Colegio.

COLEGIO, MESITAS DE (WFVZ); see El Colegio.

COLFRUTAS, LAGO DE (Anonymous, 1990b:20); see Cofrutas, Lago.

COLINAS DE TERREROS; Cundinamarca Not located
On Sabana de Bogotá, collector ?, date ? (Olivares, 1969b:395).

COLOMBIA; Huila 0324/7449 (USBGN)
750 m, on middle Río Cabrera [0326/7507 (USBGN)], a tributary of upper
Río Magdalena [1106/7451 (USBGN)], deep within western slope of
southern Eastern Andes, 47 km NE of Villavieja [0313/7514 (USBGN)]
(MHA); A. H. Miller, 1949 ? (Miller, 1952b:17).

COLOMBIA, PUERTO; see Puerto Colombia.

COLONIA LAS BLANCAS (Iafrancesco, et al., 1987:72); see Las Blancas, Meta.

COLONIA PENAL DE ACACÍAS (Iafrancesco, et al., 1986:75); see Las
Blancas, Meta.

COLONIA PENAL DE ACACÍAS LAS BLANCAS (Iafrancesco, et al.,
1986:75); see Las Blancas, Meta.

COLONIA SAN JOSÉ; see Medellín.

COLORADA, LA; see La Colorada.

COLOSÓ; Bolívar (Carriker, 1955:60); see Colosó, Sucre.

COLOSÓ; Sucre 0930/7521 (USBGN)
200 m, at southern end of Montañas de María [0940/7515 (USBGN)] or
Serranía de San Jacinto [0940/7520 (USBGN)], 17 km SW of Ovejas
[0932/7514 (USBGN)] (MHA); Carriker, 11-17, 19-25 Dec. 1948 (USNM);
Hershkovitz, May 1949 (FMNH); Carriker, 6 km N, 20 Oct. 1948
(Wetmore, 1970:769); Carriker, 1955:60, as "Colosó, Bolívar."

COMBEIMA, RÍO; Tolima 0419/7509 (USBGN)
Rises on southern slope of Nevado del Tolima [0440/7519 (USBGN)] in
middle Central Andes and flows SE to join Río Coello [0418/7454
(USBGN)] 20 km SE of Ibagué [0427/7514 (USBGN)] (MHA); Detwiler, in
valley above Ibagué, date ? [1889 ?] (de Schauensee, 1948a:295).

- COMIJOQUE, ALTO DE; Boyacá 0532/7240 (USBGN)
ca. 3,000 m, on eastern side of central Eastern Andes, rising to E of upper Río Cusiana [0433/7151] (USBGN)], 25 km E of Laguna de Tota [0533/7255 (USBGN)] (MHA); Hernández, et al., at Vereda de Ranchería (Hacienda el Rancho de Comijoque), on western slope of "Cerro de Comijoque" [Alto de Comijoque], in municipality of Pajarito [0525/7240 (USBGN)], at 2,000-2,600 m, 10-18 Oct. 1967 (Olivares, 1971:203ff).
- COMIJOQUE, CERRO (Olivares, 1971:203); see Comijoque, Alto de.
- CONCEPCIÓN, LA; see La Concepción.
- CONCEPCIÓN, PÁRAMO DE; Santander Not located
Collector ?, date ? (Niséforo & Olivares, 1964:18).
- CONCHA (MHA); see Balneario de Villa Concha.
- CONCHA, ANCÓN DE (MHA); see Balneario de Villa Concha.
- CONCHA, PLAYA (Todd & Carriker, 1922:113); see Balneario de Villa Concha.
- CONCHA, QUEBRA (Allen, 1900a:173); see Balneario de Villa Concha.
- CONCHA, QUEBRADA (de Schauensee, 1952a:1134); see Balneario de Villa Concha.
- CONCHAL, LAGUNA DEL; Valle del Cauca ca. 0355/7605
Alt. ?; in municipio of Buga [0355/7605 (USBGN)], central Valle del Cauca, Naranjo and Alberico, ca. 16 Nov. 1988 (Anonymous, 1989).
- CONCORDIA; Antioquia 0603/7555 (USBGN)
2,020 m, on eastern slope of Western Andes above Cauca Valley, 55 km S of Antioquia [0633/7550 (USBGN)] and 45 km SW of Medellín [0615/7535 (USBGN)] (MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489).
- CONDOR, EL; see El Condor.
- CONDOTO; Chocó 0506/7637 (USBGN)
70 m (de Schauensee, 1948a:295), 150 ft [50 m] (Hellmayr, 1911:1153); in southern Chocó close to western base of central Western Andes near mouth of Río Condoto [0506/7642 (USBGN)], an affluent of upper Río San Juan [0403/7727 (USBGN)] (MHA; Mapa, 1976); Palmer, 20, 26-27 Mar., 1-2,

12, 14, 16-17, 20-22 Apr., 6, 20 May 1909 (Hellmayr, 1911:1089ff; MVZ).

CONEJERA, CERRO DE; Cundinamarca Not located
On Sabana de Bogotá, collector ?, date ? (Olivares, 1969b:230).

CONEJO; La Guajira 1047/7248 (USBGN)
ca. 300 m (Carriker, 1955:48); ca. 180 m (de Schauensee, 1948a:296); in lowlands close to base of northern end of Serranía de Valledupar [1035/7252 (USBGN)] and northern end of Serranía de Perijá [1000/7300 (USBGN)], 15 km SSE of Fonseca [1054/7250 (USBGN)] and 8 km NW of Tierra Nueva [ca. 1035/7245 (Atlas, 1977)] (Atlas, 1977); dry, open woodland and some cactus, Carriker, 25 Jan. 1941, 15-24, 26-29, 31 Mar., 1, 3 Apr. 1945 (USNM, as "Conejo" and "El Conejo"); Carriker, 1955, Bol. Entom. Venezolana, 11(3-4):124, as "El Conejo, Magdalena."

CONEJO, LOMO DEL; Meta Not located
In Serranía de la Macarena [0245/7355 (USBGN)], Lemke and Gertler, 17 Dec. 1976 (Hilty & Brown, 1986:233).

CONIF, ESTACIÓN; Nariño 0149/7646 ? (Ohmer, et al., 1991:484)
20 m, forestry station in southwestern Nariño, collector ? [Schuchmann ?], date ? (Ohmer, et al., 1991, Journ. Nat. Hist., 25:484); a coined name based on an acronym; the coordinates seem incorrect, as they do not agree with the written description and place the site in southeastern Cauca; perhaps the longitude should be 7846.

CONSUELO, EL; see El Consuelo.

CONSULTA, CIÉNAGA LA; see La Consulta, Ciénaga.

CONTRATACIÓN; Santander 0618/7329 (USBGN)
1,690 m, on western slope of northern Eastern Andes, 38 km NE of Vélez [0601/7341 (USBGN)] and 30 km SW of Socorro [0629/7316 (USBGN)] (MHA); collector ?, date ? (Dugand, 1941a:57; de Schauensee, 1946b:9).

CONVENCIÓN; Norte de Santander 0828/7321 (USBGN)
1,056 m, in eastern drainage of northern Eastern Andes, but deep in interior, near head of Río Catatumbo [0902/7231 (USBGN)], 26 km N of Ocaña [0815/7320 (USBGN)] (MHA); Carriker, in general area and from 3,500-4,500 ft [1,050-1,400 m], 20-26, 28-30 June, 1 July 1943 (USNM).

- CONTADERO; Nariño 0055/7733 (USBGN)
ca. 2,200 m, in central southeastern Nariño at head of Río Guáitara [0134/7727 (USBGN)], 20 km NE of Tulcán [0048/7743 (USBGN)], Ecuador (MHA); Mena, 9 Sept. 1950 (ANSP).
- CONVEÑITAS; Córdoba Not located
Isaza, 7 June 1972 (Serna, 1980:81).
- COPACABANA; Antioquia 0621/7530 (USBGN)
1,545 m, on eastern slope of northern Central Andes, 12 km NNE of Medellín [0615/7535 (USBGN)] and 8 km SW of Girardota [0623/7527 (USBGN)] (MHA); Zamudio, 4 Apr. 1969 (Serna, 1980:27)
- COPE, RÍO; Antioquia ca. 0813/7644
Small river emptying into Golfo de Urabá [0825/7653 (USBGN)], ca. 8 km N of Turbo [0806/7643 (USBGN)], dense second-growth and plantations in valley and forest on hills, Haffer, 17-20 Apr. 1964 (Haffer, 1975:74).
- CORCOBADO, CAÑO; Meta ca. 0411/7338
ca. 500 m (MHA); northern central Meta, 7 km NW of Villavicencio [0409/7337 (USBGN)], Baquero-Thaerigen, Dec. 1946 (Dugand, 1948a:169); not on our maps.
- CORCORA (MVZ); see La Corcova.
- CORCOVA (Olson, 1983a:104); see La Corcova.
- CÓRDOBA; Valle del Cauca 0353/7656 (USBGN)
37 m, on Pacific coastal plain, on Río Dagua [0352/7704 (USBGN)], 17 km E of Buenaventura [0353/7704 (USBGN)] (MHA); Carriker, 26-30 May 1918 (Carriker, 1955:57, 61; CM); Lehmann, at 200 m, 26 Sept. 1956 (MVZ); collector ?, date ? (Cantillo, 1983:72).
- CÓRDOBA, DEPARTAMENTO DE 0820/7540 (USBGN)
NW Colombia on Caribbean coast; formerly SW part of Bolívar; bordered on N by Caribbean, on E by Sucre, and on all other sides by Antioquia; lowlands with outliers of Western Andes in S; Río Sinú [0924/7549 (USBGN)] runs from S to N; principal towns are Montería [0846/7553 (USBGN)] and Lorica [0914/7549 (USBGN)]; Hilty, in south, 1980 (Hilty & Brown, 1986:329).
- CÓRDOBA, RÍO; Magdalena 1102/7415 (USBGN)
Rises on lower northwestern slopes of Sierra Nevada de Santa Marta

[1050/7340 (USBGN)] and flows WSW to discharge into Caribbean at Ciénaga [1101/7415 (USBGN)] (MHA); although listed by Todd & Carriker (1922:113) it is not certain that collections have been made on the river.

COREA; Valle del Cauca Not located
1,500+ m, in Western Andes, SW of Cali [0327/7631 (USBGN)], collector ?, date ? (Cantillo, 1983:72).

COREA, ISLA; Amazonas ca. 0400S/7013
ca. 100 m, on the Amazon, near Isla de Santa Sofía [ca. 0400S/7013 (Atlas, 1977)], ca. 25 km NW of Leticia [0409S/6957 (USBGN)], Remsen, 11 Aug. 1975, Hilty, 24 July 1978, 24 Aug. 1979, Hilty and Ridgely, 17-22, 24 Feb. 1984 (Hilty & Brown, 1986:ix, 69, 464, 502, 576).

CORINTO; Boyacá ca. 0525/7240 (Atlas, 1977)
1,800-2,000 m (Olivares, 1971:224); on left bank of upper middle Río Cusiana [0433/7151 (USBGN)], on eastern slope of central Eastern Andes (Atlas, 1977); Hernández, in forest NE of Corinto, 1967 ? (Olivares, 1971:224).

CORINTO; Cauca 0311/7615 (USBGN)
1,050 m, on lower western slope of Central Andes, 40 km SE of Cali [0327/7631 (USBGN)] (MHA); Carriker, May 1960 (LSUMZ).

CORONADO, CERRO; Cauca ca. 0301/7628
1,050 m, very close to town of Santander [0301/7628 (USBGN)] at southern end of Cauca Valley, Lehmann, 21 Oct. 1957 (Eisenmann & Lehmann, 1962:4).

COROZAL; Sucre 0919/7518 (USBGN)
188 m, in northern Sucre, 10 km E of Sincelejo [0918/7524 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:398).

CORRALES; Boyacá 0550/7251 (USBGN)
2,473 m, in interior of northern Eastern Andes, on upper Río Chicamocha [0646/7312 (USBGN)], 15 km NE of Sogamoso [0543/7256 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1964:18).

CORRALES; Cauca ca. 0206/7705
900 m, in Pacific drainage in upper valley of Río Patía [0213/7840 (USBGN)] in municipality of El Bordo [now municipality of Patía, 0206/7705 (USBGN)], Lehmann, date ? (Lehmann, 1944a:188); town is

several km W of El Bordo [0206/7658 (USBGN)] (Haffer, 1986:541); not on our maps; Lehmann (loc. cit.) associates this site with Diego-Pérez [not located, but also in municipality of El Bordo]; von Sneidern, date ? (Haffer, 1986:541).

CORRALES, LOS; see Los Corrales.

CORZO, EL (Nicéforo, 1947:319); see El Corzo, Estación de.

COSTA, LA; see La Costa.

COSTA RICA (USNM); see Costarrica.

COSTA RICA, CAMP (USNM); see Costarrica.

COSTARRICA; Magdalena 0944/7425 (USBGN)
ca. 100 m, SW of El Difícil [0951/7414 (USBGN)], central Magdalena, open pasture and second-growth, some virgin forest, Carriker, 24 Jan.-1 Feb. 1947 (USNM, as "Costa Rica" and "Camp Costa Rica"); does not appear on our published maps.

COTA; Cundinamarca 0449/7406 (USBGN)
2,604 m, on Sabana de Bogotá, 25 km N of Bogotá [0436/7405 (USBGN)] (MHA); Borrero, 17 Feb. 1952 (Borrero, 1952a:10); collector ?, date ? (Dugand, 1948a:170).

COTOCÁ (Serna, 1980:6); see Lorica.

COURTOWN KEYS (Bond & de Schauensee, 1944:11); see Este Sudeste, Cayos del.

COVARÍA (MHA); see Cobaría.

COVARÍA, RÍO (Atlas, 1977); see Cobaría, Río.

COVEÑAS; Bolívar (USNM); see Coveñas, Sucre.

COVEÑAS; Córdoba (Borrero, 1972b:398); see Coveñas, Sucre.

COVEÑAS; Sucre 0925/7542 (USBGN)
Sea level, port 10 km E of Bocas del Sinú [0924/7548 (USBGN)] on southern Golfo de Morrosquillo [0935/7540 (USBGN)] at Sucre/Córdoba boundary (MHA; Mapa, 1976); Carriker, 1-6, 8, 10, 13-14 Jan. 1949

(USNM, as "Coveñas, Bolívar"); collector ?, in vicinity of Coveñas, date ? (Borrero, 1972b:398, as "Coveñas, Córdoba"); Isaza, 7 May 1972, Serna and Isaza, 5 Oct. 1972, 5 Sept. 1977 (Serna, 1980:17, 18, as "Coveñas, Córdoba").

COYAIMA; Tolima 0348/7512 (USBGN)
439 m, on middle Río Saldaña [0401/7452 (USBGN)], a tributary of upper Río Magdalena [1106/7451 (USBGN)], near mouth of a valley penetrating deeply into eastern side of central Andes (MHA); A. H. Miller, 10, 18, 20 Nov. 1944 (Miller, 1947:355, 356, 366); Stirton, 10, 18, 20 Nov. 1944 (MVZ); Herrera, 25 May, 22 July 1945 (FMNH; ANSP); A. H. Miller, 14 km W and 4 km SW, at 1,400-1,500 ft [400-450 m], 28 Jan. 1949 (Miller, 1952b:16; MVZ, as "Cayaima").

CRAVO (MHA); see Cravo Norte.

CRAVO NORTE; Arauca 0618/7012 (USBGN)
150 m (de Schauensee, 1952a:1129, as "Río Cravo Norte"); in eastern Arauca at junction of Río Cravo Norte [0618/7012 (USBGN)] with Río Casanare [0602/6951 (USBGN)] (IGAC [Arauca]); MHA, as "Crave"; Best, 3 Aug. 1948 (ANSP); collector ?, date ? (Borrero, 1960a:487; 1972b:399, as "Cravonorte"); Lehmann ?, 3 Aug. year ? (Lehmann, 1960a:258).

CRAVONORTE (Borrero, 1972b:399); see Cravo Norte.

CRAVO NORTE, RÍO (de Schauensee, 1952a:11129); see Cravo Norte.

CRIOLLO; Huila 0152/7608 USBGN
ca. 1,300 m (MHA); altitude of 4,200 m given by Lehmann (1961:526) is erroneous; in uppermost Magdalena Valley, 11 km W of Pitalito [0151/7602 (USBGN)] and 14 km ESE of San Agustín [0153/7616 (USBGN)] (MHA); Lehmann, 24 June 1961 (Lehmann, 1961:526).

CRUCERO (de Schauensee, 1948a:296); see El Crucero, Cauca.

CRUCERO, EL; see El Crucero.

CRUCES, ALTO DE LAS; see Marulanda.

CRUCES, LAS; see Las Cruces.

- CRUCES, PUNTA; Chocó 0639/7732 (USBGN)
 Southward extending peninsula in northwestern Chocó, partly enclosing Bahía de Cupica [0642/7728 (USBGN)] (Atlas, 1977); Murphy and Correia, 30 mi [48 km] offshore, 9 Mar. 1941 (Dugand, 1947a:383).
- CRUZ, LA (MHA); see Ábrego.
- CRUZ, PUNTA DE LA; Guajira ca. 1140/7250 (MHA)
 Sea level, 21 km NE of Río Chacha [1133/7255 (USBGN)] and 90 km SW of Cabo de la Vela [1213/7211 (USBGN)] (MHA); Naranjo ?, ca. 5 mi [8 km] offshore, Feb. 1979 (Hilty & Brown, 1986:171).
- CRUZ VERDE; Cundinamarca Not located
 East of Bogotá [0436/7405 (USBGN)], collector ?, Jan. 1932 (Iafrancesco, et al., 1986:61); collector ?, date ? (Olivares, 1969b:351); probably equivalent to, or at least near, Páramo Cruz Verde [0434/7402 (USBGN)], which see.
- CRUZ VERDE, PÁRAMO; Cundinamarca 0434/7402 (USBGN)
 ca. 3,500 m, SE of Bogotá [0436/7405 (USBGN)] on crest of Eastern Andes, between Bogotá, Ubaque [0429/7356 (USBGN)], and Choachí [0432/7356 (USBGN)] (MHA); probably same as Páramo del Verjón [ca. 0432/7404], which see; Nicéforo, 5 Apr. 1947 (ANSP, as "Páramo de Cruz Verde"); collector ?, date ? (Borrero, 1960b:238); Arvey, 30 Jan. 1960 (LACMNH).
- CRUZ VERDE, PÁRAMO DE (ANSP); see Cruz Verde, Páramo.
- CUARÉ; Cauca Not located
 3,200 m, on western slope of Central Andes, Lehmann, 11 May 1960 (Lehmann & Haffer, 1960:249).
- CUATRO BOCAS; Cesar Not located
 Romero, 20 May 1972 (Olivares & Romero, 1973:51); presumably in extreme southern Cesar, E of main channel of Río Magdalena [1106/7451 (USBGN)], in vicinity of Puerto Limón [? Rincón del Limón, ca. 0757/7340 (IGAC [Cesar])], a site visited by Romero on the same date.
- CUBARRAL (Olivares, 1974a:71); see San Luis de Cubarral.
- CUBIGÚ, CAÑO; Vaupés 0102/7012 (USBGN)
 River entering on left side of Río Vaupés [0002/6716 (USBGN)] upstream from Mitú [0108/7003 (USBGN)] (Hilty & Brown, viii-ix, as "Caño

Cubiyú"); Borrero and Bernal, various times between ca. 23 Apr.-early June 1961 (Olivares, 1964b:151ff, as "Caño Cubiyú"); see, also, Sabanas del Cubigú [ca. 0100/7000 ?] and Caño Negro [ca. 0105/7012].

CUBIGÚ, SABANAS DEL; Vaupés ca. 0100/7000 ?
ca. 100 m (MHA); large savanna extending from near left bank of Río Vaupés [0002/6716 (USBGN)], ca. 30 km W Of Mitú [0108/7003 (USBGN)], eastward for unknown distance, sandy, rocky, Borrero and Bernal, various times between ca. 23 Apr.-early June 1961 (Olivares, 1964b:151-152, as "Sabanas del Cubiyú"); does not appear on our maps; Borrero, 1960a:504, as "Sabana del Cubiyú."

CUBIYÚ, CAÑO (Olivares, 1964b:151); see Cubigú, Caño.

CUBIYÚ, SABANA DEL (Borrero, 1960a:504); see Cubigú, Sabanas del.

CUBIYÚ, SABANAS DEL (Olivares, 1964b:151); see Cubigú, Sabanas del.

CUCALINA, QUEBRADA LA; see La Cucalina, Quebrada.

CUCARÉ; Cauca Not located
3,400 m, on NW side of Volcán Puracé [0221/7623 (USBGN)], Hilty ?, date ? (Hilty & Brown, 1986:107).

CUCUMBÁ, LAGUNA DE (Nicéforo & Olivares, 1965:49); see Cucunubá, Laguna de.

CUCUNGACA (Wetmore, 1946b:6); see Cinturuagaca, Cuchilla.

CUCUNUBÁ; Cundinamarca 0515/7346 (USBGN)
2,500 m, in highlands of central Eastern Andes, 8 km SE of Ubaté [0519/7349 (USBGN)] and 56 km SW of Tunja [0531/7322 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:217).

CUCUNUBÁ, LAGUNA DE; Cundinamarca 0517/7348 (de Schauensee, 1948a:296)
2,500 m, small lake N of Cucunubá [0515/7346 (USBGN)] and 5 km SE of Ubaté [0519/7349 (USBGN)], in highlands of central Eastern Andes (MHA); García, Mar. 1945 (Olivares, 1959a:394); collector ?, 2 Feb. 1953 (Nicéforo & Olivares, 1964:17); collector ?, date ? (Borrero, 1946:170; Dugand, 1948a:159); Fjeldså, 16 Oct. 1981 (Fjeldså, 1993:226); Nicéforo & Olivares, 1965:49, as "Laguna de Cucumbá."

- CÚCUTA; Norte de Santander 0754/7231 (USBGN)
 215 m, on eastern side of northern Eastern Andes and N of the junction with the Venezuelan branch of the Andes, on Río Pamplonita [0820/7221 (USBGN)] (MHA); arid (pers. obser.); Nicéforo, 2 Feb. (Serna, 1980:88), 4 Oct. 1936, 9 Mar, 8 Apr., 11 Nov. 1937 (Friedmann, 1947:480; ANSP), Feb. 1938 (FMNH), May 1939 (Friedmann, 1947:482), 18 Jan., 8-9, 18, 20 Feb., Apr., 11 Nov., 9 Dec. 1940, Feb., Apr., 12 May 1941 (Friedmann, 1947:481ff; Serna, 1980:20; ANSP), Dec. 1942, 16, 20, 30 Apr., 3, 13, 24 May, 2-3, 5 June, 8, 16 July, 5, 24 Sept., 20 Oct., 16 Nov., 2, 9 Dec. 1944, 4 June, 4 Dec. 1945 (Nicéforo, 1945:388, 393; 1947:365, 367; 1948:204; Serna, 1980:20, 43, 46; Iafrancesco, et al., 1987:78, 107; ANSP), 20, 30 Dec. 1947, 4 June 1948 (Iafrancesco, et al., 1986:50); Valentín, Dec. 1940 (Iafrancesco, et al., 1987:107); collector ?, 20 Mar. 1949 (Olivares, 19--?a:172); collector ?, date ? (Borrero, 1970b:702); Osgood & Jewett, 10 mi [16 km] N, Mar. 1911 (FMNH); Nicéforo, 31 km W, Oct. 1942 (Dugand, 1945b:397); Nicéforo, N of Cúcuta, 8 Dec. 1944 (ANSP); Nicéforo, between Chitagá and Cúcuta, 15 Sept. 1950 (Serna, 1980:100); Brown, 11 Mar. year ?, Hilty and Hall, nearby, June 1980 (Hilty & Brown, 1986:191, 357); see, also, Los Patios, Quinta Teresa, and Zulia, Río.
- CUDUAIRÍ, RÍO (MHA); see Cuquiari, Río.
- CUDUYARÍ (Dugand, 1948a:164); see Cuquiari, Río.
- CUDUYARÍ, CABO (Nicéforo & Olivares, 1967:426); see Cuquiari, Río.
- CUDUYARÍ, CAÑO (Olivares, 1964a:166); see Cuquiari, Río.
- CUDUYARÍ, RÍO (Lehmann, 1957:132); see Cuquiari, Río.
- CUEMBI (Nicéforo, 1945:393); see Cuhimbé.
- CUEMBI, RÍO (MHA); see Cuhimbé, Río.
- CUESTA BOBA; Santander Not located
 3,000 m, Carriker, 12 Jan. 1964 (WVZ; LACMNH).
- CUESTECITA; La Guajira 1111/7237 (USBGN)
 ca. 100 m, in southern interior Península de la Guajira [1200/7130 (USBGN)], 50 km SW of Riohacha [1133/7255 (USBGN)] and 5 km NW of Albania [Calabacito, 1110/7235 (USBGN)] (Atlas, 1977); Serna, July, Nov. 1980, June 1981 (Serna, 1984:23).

CUEVA, LA; see La Cueva.

CUHEMBI, RÍO (de Schauensee, 1948a:296); see Cuhimbé, Río.

CUHIMBÉ; Putumayo 0023/7624 (USBGN)
ca. 200 m, at mouth of Río Cuhimbé [0022/7625 (USBGN)], a tributary of
Río Putumayo [0307S/6758 (USBGN)], on Ecuador border (MHA);
collector ?, year ? (Nicéforo, 1945:393; 1947:370; Olivares, 1964b:161; all
as "Cuembi").

CUHIMBÉ, RÍO; Putumayo 0022/7625 (USBGN)
Small river in eastern lowlands, a tributary of Río Putumayo [0307S/6758
(USBGN)], on Ecuador border (MHA, also as "Río Cuembi"); collector ?,
date ? (Olivares, 1964b:161, as "Río Cuembi"); de Schauensee, 1948a:296,
as "Río Cuhembi"; see, also, Cuhimbé.

CULEBRA, CAÑO; Santander Not located
ca. 100 m (MHA); on right bank of middle Magdalena Valley, ca. 60 km
[by road ?] N of Puerto Wilches [0721/7354 (USBGN)], discharging into
Río Lebrija [0808/7347 (USBGN)], Romero, 3 Apr., 13 Aug. 1971, 26
Feb., 19 Mar. 1972 (Olivares & Romero, 1973:46ff).

CULIA; Valle del Cauca Not located
Marinkelle, Oct. 1966 (WFWZ).

CULUMITO; Meta ? Not located
Acevedo, 27 Jan. 1965 (YPM); probably in vicinity of Serranía de la
Macarena [0245/7355 (USBGN)], Meta, as Acevedo is known to have been
in the area about that time.

CUMARAL; Meta 0416/7329 (USBGN)
340 m, in eastern llanos at base of central Eastern Andes, 22 km NE of
Villavicencio [0409/7337 (USBGN)] (MHA); most original forest replaced
by agriculture (Borrero, 1960a:513); collector ?, Jan. 1921 (Nicéforo,
1947:329); Nicéforo, Dec. 1939 (Nicéforo, 1948:205); collector ?, 7, 19
Mar. 1961 (Olivares, 1974a:95ff); collector ?, 5 km W, date ? (Borrero,
1960a:491); Stiles, ca. 1989-1992 (Stiles, 1995a:121).

CUMARAL-MEDINA; Cundinamarca ca. 0425/7325 ?
ca. 500 m (MHA); apparently a collecting site on road between Cumaral
[0416/7329 (USBGN)] and Medina [0430/7321 (USBGN)], easternmost
Cundinamarca, at eastern base of central Eastern Andes; collector ?, 28
Mar. 1971 (Olivares, 1974a:69).

CUMBAL; Nariño 0054/7747 (USBGN)
3,032 m, near Ecuador border on western slope, 16 km SE of Nevado de Cumbal [0057/7752 (USBGN)] (MHA); von Sneidern, on eastern side, 5, 7-16, 18, 20, 24 Feb., 14, 18-20, 22-24 Mar., 7 Apr. 1941, on northern side, 13 Feb. 1941, on Pacific side, 19 Feb. 1941 (FMNH; ANSP; UMMZ); Borrero and Lumsden, from village to shore of Lago de Cumbal [Laguna de Cumbal, ca. 0057/7750 (Atlas, 1992)], which is at 3,300 m on the slopes of Nevado de Cumbal, Mar. 1950 (Borrero, 1952b:2, 6).

CUMBAL, LAGO DE (Borrero, 1952b:2); see Cumbal, Laguna de.

CUMBAL, LAGUNA DE; Nariño ca. 0057/7750 (Atlas, 1992)
3,300 m, on eastern slope of Nevado de Cumbal [0057/7752 (USBGN)], on western slope of Andes, ca. 8 km NW of Cumbal [0054/7747 (USBGN)] and 10 km W of Guachucal [0058/7743 (USBGN)], Borrero and Lumsden, Mar. 1950 (Borrero, 1952b:2, 6, as "Lago de Cumbal"; Atlas, 1992); Negret, 1989, 1993, 1994 (Negret, 1997:45-46).

CUMBAL, NEVADO DE; Nariño 0057/7752 (USBGN)
4,764 m, snow-capped mountain on western side of Andes near Ecuador border, 24 km NW of Tulcán [0048/7743 (USBGN)] (MHA); von Sneidern, at 10,500 ft [3,200 m], 13 Feb., at 12,000 ft [3,650 m], 4 Mar. 1941, at 12,600 ft [3,850 m], date ?, on western slope at 11,400 ft [3,500 m] and 12,600 ft [3,850 m], dates ? (de Schauensee, 1944c:2; 1945a:10; 1945b:41); Thiollay, in vicinity, ca. July 1988 (Thiollay, 1991); Stiles, et al., at northern base at ca. 3,450 m, 28 June, 5 July 1991 (Stiles, et al., 1992:48, as "Navado del Cumbal"); de Schauensee, 1948a:297, as "Volcán de Cumbal"; Hilty & Brown, 1986:ix, as "Volcán Cumbal"; see, also, Cumbal, Páramo de.

CUMBAL, NEVADO DEL (Stiles, et al., 1992:48); see Cumbal, Nevado de.

CUMBAL, PÁRAMO DE; Nariño ca. 0057/7752
Although not shown on our maps, doubtless the páramo on Nevado de Cumbal [0057/7752 (USBGN)], on western slope of Andes, NW of Cumbal [0054/7747 (USBGN)]; von Sneidern, at lakes on páramo [Lago de Cumbal ?], 1941 (Lehmann, 1944b:407); see, also, Nevado de Cumbal.

CUMBAL, VOLCÁN (Hilty & Brown, 1986:ix); see Cumbal, Nevado de.

CUMBAL, VOLCÁN DE (de Schauensee, 1948a:297); see Cumbal, Nevado de.

CUMBITARA, PLAN DE; Cauca ca. 0140/7721
Alt. ?; plain where Río Mayo [0140/7721 (USBGN)] joins the upper Río Patía [0213/7840 (USBGN)], near Remolino [not located], in southwestern corner of Cauca, arid, cactus and spiny vegetation, collector ?, date ? (Negret, 1992:46; 1997a:48); not found on available maps; presumably near Cumbitara [0139/7734 (USBGN)]

CUMBRE, LA; see La Cumbre.

CUNAGA (de Schauensee, 1952a:1129); see Ciénaga.

CUNCUGACA (de Schauensee, 1948a:297); see Cinturuagaca, Cuchilla.

CUNDAY; Cundinamarca (Olivares, 1969b:370); see Cunday, Tolima.

CUNDAY; Tolima 0404/7442 (USBGN)
484 m, at western base of middle Eastern Andes, 17 km from Río Magdalena [1106/7451 (USBGN)] and 25 km SSE of Girardot [0418/7448 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:314); collector ?, fall year ? (Nicéforo & Olivares, 1964:21); collector ?, May 1933, May 1942 (Iafrancesco, et al., 1985:60, 69); erroneously placed in Cundinamarca by Olivares (1969b:370).

CUNDAY, RÍO; see Prado, Río.

CUNDINAMARCA, DEPARTAMENTO DE 0500/7400 (USBGN)
In central Colombia extending from Río Magdalena [1106/7451 (USBGN)] E across central Eastern Andes to eastern lowlands; bounded on N by Boyacá, on E by Meta, on S by small portion of Huila and on W by Tolima and Caldas; generally mountainous except in extreme E and W; several large population centers, including Bogotá [0436/7405 (USBGN)].

CUNGUCACA (de Schauensee, 1948a:296); see Cinturuagaca, Cuchilla.

CUNGUCÁCA, ALTO DE (MHA); see Cinturuagaca, Cuchilla.

CUQUIARI, RÍO; Vaupés 0109/7004 (USBGN)
Affluent on left bank of Río Vaupés [0002/6716 (USBGN)], with its mouth at Mitú [0108/7003 (USBGN)] (MHA, as "Río Cuduaií"; Atlas, 1977); Lehmann, date ? (Dugand, 1942:72 and Lehmann, 1957:132, both as "Río Cuduyari"); Gil, sometime between May -Dec. 1961 (Olivares, 1964a:163, 166, as "Caño Cuduyarí"); Borrero and Bernal, ca. 23 Apr.-early June 1961 (Olivares, 1964a:151-152, as "Caño Cuduyarí"); Nicéforo &

Olivares, 1967:426, as "Cabo Cuduyarí"; Dugand, 1948a:164, as "Cuduyarí."

CUROS, LOS; see Los Curos.

CURRULAO, RÍO; Antioquia 0801/7644 (USBGN)
Rises at northern end of Serranía de Abibe [0750/7630 (USBGN)], the northern extension of the Western Andes, and flows N and then ca. 35 km W to empty into eastern side of Golfo de Urabá [0825/7653 (USBGN)] (MHA); Hershkovitz, at 50 m, May 1950 (FMNH; Hershkovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 925, as "Río Curulao"); Haffer, where river leaves forested hills near Turbo [0806/7643 (USBGN)] road, Feb. 1959 (Haffer, 1959:5, 21; 1975:74); collector ? [Haffer ?], on Río Currulao at mouth of "Tía López Creek" [not located], at mouth of "Limón Creek" [not located], and at mouth of "Ahullamita Creek" [not located], dates ? (Haffer, 1967b:29, 38).

CURULAO, RÍO (Hershkovitz, 1977:925); see Currulao, Río.

CURUMANÍ; Cesar 0912/7333 (USBGN)
62 m (Borrero, 1972b:396); at base of western side of northern extension of Eastern Andes, 25 km E of Ciénaga de Zapatosa [0905/7350 (USBGN)] (MHA); collector ?, at Hacienda Santa Isabel [not located], date ? (Borrero, 1972b: 396).

CURVA, LA; see La Curva.

CUSIANA, RÍO; Boyocá/Casanare 0433/7151 (USBGN)
Tributary of Río Meta [0612/6728 (USBGN)], rising E of Laguna de Tota [0533/7250] at Laguna Siscunsi [not located] on Páramo de Toquilla [ca. 0537/7250] on eastern slope of central Eastern Andes, Borrero and Lumsden, at Páramo de Toquilla (which see), 6 Feb. 1950 (Borrero, 1952b:2, 9); Lumsden, at Vado Hondo [ca. 0530/7245 (Atlas, 1977)] in upper valley of Río Cusiana, Jan. 1951 (Borrero, 1952a:7, as "Vadohondo"); Hernández, et al., at Alto de Comijoque [0532/7240 (USBGN)] (which see) on upper Río Cusiana, 10-18 Oct. 1967 (Olivares, 1971:203ff); collector ?, in "valley of Río Cusiana," 13, 17 Oct. 1967 (Olivares, 1974a:96ff); Ridgely, in upper valley, 2,000-3,000 m, 14 Feb. 1977 (Hilty & Brown, 1986:205).

CUSIYACO, LAGUNA; Cauca 0155/7636 (USBGN)
3,010 [?] m, small lake, near Volcán Sotará [0212/7631 (USBGN)] and Páramo del Letrero [0153/7632 (USBGN)], which is source of Río

Cusiyaco [0146/7633 (USBGN)], an affluent of upper Río Caquetá [0308S/6446 (USBGN)] near Huila border (Borrero & Hernández, 1961:442; coordinates given by Borrero & Hernández, viz. 0324/7631, are obviously incorrect as they bear no relationship or resemblance to the description of the site); this high altitude lake in the south-central Eastern Andes appears on none of our maps; Idrobo, Oct. 1958 (Borrero & Hernández, 1961:430, 442, as "Laguna de Cusiyacu" and "Laguna de Cusiyaco" and altitude of "3,100 m" and "3,010 m"); Negret, 1997:45, as "Laguna de Cusiýácu".

CUSIYACO, LAGUNA DE (Borrero & Hernández, 1961:442); see Cusiyaco, Laguna.

CUSIYACU, LAGUNA DE (Borrero & Hernández, 1961:442); see Cusiyaco, Laguna.

CUSIYACÚ, LAGUNA DE (Negret, 1997:45); see Cusiyaco, Laguna.

CUTI, RÍO; Chocó 0812/7702 (USBGN)
Rises on eastern slope of Cerro Tacarcuna [0805/7717 (USBGN)], on Panama border, and flows E to join Río Tanela [0812/7702 (USBGN)] on western shore of Golfo de Urabá [0825/7653 (USBGN)] (MHA; Atlas, 1977); Anthony and Ball, at headwaters at 4,600 ft [1,400 m], 29-30 Mar., 4, 10, 14, 17 Apr. 1915 (Wetmore, 1965:160, 161; 1968:326); Haffer, ca. 1958-59 (Haffer, 1959:35).

CUTURÚ; Antioquia 0755/7446 (USBGN)
ca. 100 m, at junction of Quebrada Cuturú [Quebrada Vijagual, 0745/7446 (USBGN)] with Río Nechí [0808/7446 (USBGN)] (IGAC [Antioquia]); IGAC map shows Cuturú as described but according to USBGN and MHA "Bodega Cuturú" is at the mouth of Quebrada Cuturú and Cuturú itself is slightly farther N; von Sneidern, 4-5, 8 Aug. 1947 (Blake, 1959:2; Atyeo, Gaud, & Pérez, 1984, *Acarologia*, 25:76).

- DABEIBA; Antioquia** 0701/7616 (USBGN)
2,000 ft [600 m], on Río Sucio [0727/7707 (USBGN)] on western slope of northern Western Andes, at upper limit of valley forest, valley cultivated, Miller and Boyle, 12-14, 25-26 Feb. 1915 [erroneously given as 1914 by Chapman, 1917:644] (Chapman, 1917:67, 644).
- DAGUA; Valle del Cauca** 0340/7641 (USBGN)
816 m, on Pacific slope of Western Andes on upper Río Dagua [0352/7704 (USBGN)], on railway line from Buenaventura [0353/7704 (USBGN)] to Cali [0327/7631 (USBGN)], 30 km NW of Cali (MHA); formerly called Caldas, arid, treeless (de Schauensee, 1948a:297); Richardson, 10-24 Nov. 1910 (Chapman, 1917:21, 645, as "Caldas"); Carriker, opposite town at 1,000 m in forested hills, 3, 5, 7, 13-15 June and in vicinity of town, 1-8, 10, 13-15 June 1918 (Carriker, 1955:58; CM, as "Caldas"); Lehmann, at 1,000-1,100 m on Río Pepitas [not located], 15 Nov. 1957, 1 Sept. 1958 (MVZ); collector ?, date ? (Cantillo, 1983:72); Todd, 1913, Ann. Carnegie Mus., 8:596, as "Oaldas."
- DAGUA, Río; Valle del Cauca** 0352/7704 (USBGN)
Rises on western slope of southern Western Andes at about latitude of Cali [0327/7631 (USBGN)] and flows NW to Pacific at Buenaventura [0353/7704 (USBGN)] (MHA); Delattre, on river near Buenaventura, prior to 1846 (Delattre & Bourcier, 1846:305); collector ?, 8, 12, 16, 26 June, 10 July 1895 (Hellmayr, 1911:1094, 1189; UMMZ); Lehmann, at Buenaventura, 18 Mar 1947 (MVZ); Arata, 10 mi [16 km] E of Buenaventura [= near Córdoba, 0353/7656 (USBGN) ?], Aug. 1964 (LSU); Tudor, et al., in valley, 4 Feb. 1977, Hilty, in lower valley, 19 Jan. year ?, June 1980, Brown, in valley, Feb. year ? (Hilty & Brown, 1986:207, 498, 580, 609, 632).
- DAGUA BITACO (FMNH);** see Bitaco.
- DANUBIO (Hilty, 1977:44);** see El Danubio.
- DANUBIO, EL;** see El Danubio.
- DARIÉN; Valle del Cauca** 0356/7631 (USBGN)
ca. 1,000 m, on western slope of middle Western Andes on upper Río Calima [0408/7727 (USBGN)], 25 km W of Buga [0354/7616 (USBGN)] (MHA); formerly Calima (USBGN); von Sneider, at 300 m, May 1958 (FMNH, as "Calima"; de Schauensee, 1948a:290, as "Calima").

- DARIÉN, SERRANÍA DEL;** Chocó 0830/7730 (USBGN)
Range forming northern half of the boundary between Colombia and Panama, roughly paralleling Golfo de Urabá [0825/7653 (USBGN)], whose highest mountain is Cerro Tacarcuna [0805/7717 (USBGN)] (MHA); von Sneider, Sept. 1940 (FMNH); name "Darién" formerly applied to region extending from easternmost Panama S through Chocó to Bahía de Buenaventura [0348/7717 (USBGN)] (de Schauensee, 1948a:297).
- DEKKE** (de Schauensee, 1952a:1129); see Dique, Canal del.
- DELIRIO, EL;** see El Delirio.
- DEPRESIÓN, LA;** see La Depresión.
- DERRUMBE;** Nariño 0114/7835 (USBGN)
ca. 100 m, in lowlands of central southern Nariño, on upper Río Mira [0136/7901 (USBGN)], 18 km SSW of La Guayacana [Guayacana, 0126/7827 (USBGN)], on Ecuador border (Atlas, 1977); Mena, 11 Aug. (UMMZ), 4 Sept. 1950 (ANSP).
- DESTINO, EL;** see El Destino.
- DIAMANTE (MHA);** see El Diamante.
- DIAMANTE, EL;** see El Diamante.
- DIBULLA;** La Guajira 1117/7319 (USBGN)
Sea level, on Caribbean coast at base of Península de la Guajira [1200/7130 (USBGN)], 55 km SW of Ríoacha [1133/7255 (USBGN)] (MHA); Carriker, [20] 21-28 Feb., 28 Apr. 1914 (Todd & Carriker, 1922:113; Carriker, 1959b:221; CM); de Schauensee (1948a:298) says that Carriker was at hacienda "La Victoria," about 10 km SW of Dibulla, in humid forest; Hernández, date ? (Serna, 1984:24).
- DIEGO-PÉREZ;** Cauca ca. 0206/7705
900 m, on the Pacific drainage in upper valley of Río Patía [0213/7840 (USBGN)], in municipality of El Bordo [now municipality of Patía, 0206/7705 (USBGN)], Lehmann, date ? (Lehmann, 1944a:188); not on our maps; Lehmann (loc. cit.) associates this site with Corrales [not located, but also in municipality of El Bordo].
- DIFÍCIL, EL;** see El Difícil.

DIGUA, RÍO; Valle del Cauca 0336/7657 (USBGN)
On lower western slope of Western Andes, rising above Queremal [0331/7643 (USBGN)] and joining Río Anchicayá [0346/7710 (USBGN)] at El Danubio [0337/7653 (USBGN)], with old Cali [0327/7631 (USBGN)]/Buenaventura [0353/ 7704 (USBGN)] road following river (Mapa, Valle, 1973); Lehmann, 14 Mar. 1943 (Lehmann, 1957:121); Hilty, at confluence of Ríos Digua and Anchicayá , at 300 m, 12 Aug. 1972 (Hilty, 1977:45); see, also, El Danubio, El Placer, and Queremal.

DINTEL, EL; see El Dintel.

DIQUE; Atlántico (Dugand, 1940d:27); see Dique, Canal del.

DIQUE; Santander ca. 0735/7347 ?
ca. 100 m (MHA); hut on right bank of middle Río Magdalena [1106/7451 (USBGN)] at outlet of Ciénaga de Paredes [0727/7347 (USBGN)], Wyatt, mid-Mar. 1870 (Wyatt, 1871:map, 131, 324, 331); the map accompanying Wyatt's paper indicates that a major river skirts eastern and northern sides of "Lake of Paturia" [Ciénaga de Paredes] and that the lake is close to the Magdalena, but modern maps (e.g., MHA or Atlas, 1977) indicate no large river and show Lago [Ciénaga de] Colorado [0733/7350 (USBGN)] to be between northern end of Ciénaga de Paredes and river; these discrepancies make position of Dique uncertain.

DIQUE, CANAL DEL; Atlántico/Bolívar 1017/7531 (USBGN)
Navigation canal running from near Calamar [1015/7455 (USBGN)] on lower Río Magdalena [1106/7451 (USBGN)] west to Caribbean at Bahía de Barbacoas [1010/7535 (USBGN)], 20 km S of Cartagena [1025/7532 (USBGN)] (MHA); collector ?, late Jan. 1958, and Bedout, 3 Apr. 1960 (Borrero, 1961:427); collector ?, date ? (Borrero, 1958:133; Dugand, 1947c:538); Dugand, between Cartagena [1025/7532 (USBGN)] and [Canal del] Dique, date ? (Dugand, 1940d:27); has been misspelled "Dekke" (de Schauensee, 1952a:1129).

DISPENSA, LA (USNM); see Socorré.

DISTRACCIÓN; La Guajira 1054/7253 (USBGN)
ca. 250 m, 5 km WNW of Fonseca [1054/7251 (USBGN)] in lowlands between Serranía de Perijá [1000/7300 (USBGN)] and Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (Atlas, 1977); note discrepancy in relative positions of Fonseca and Distracción between coordinates given by USBGN and as shown in Atlas, 1977; Carriker, at 1,000 ft [300 m], 28-29 June 1941, 11-17 May 1945 (USNM).

DIVISO, EL; see El Diviso.

DOCAMPADO, Río; Chocó 0445/7718 (USBGN)
Rises in southern Chocó on western side of extreme southern end of Serranía de Baudó [0600/7705 (USBGN)] and flows W to Pacific coast (MHA); von Sneidern, at 350 m [too high ?; 350 ft seems more likely], Sept. 1958 (FMNH).

DOMINGA, LA; see La Dominga.

DONACHUI; Cesar 1043/7328 (USBGN)
4,800 ft [1,450 m] (Norton, 1975:110); on northeastern slope of Sierra Nevada de Santa Marta on Río Donachui [1038/7326 (USBGN)], 34 km NW of Valledupar [1029/7315 (USBGN)] (IGAC [Cesar]); Norton, ca. 12 Jan.-6 Feb. 1974, at village and up valley to 14,600 ft [4,450 m], from upper tropical zone to páramo (Norton, 1975:110).

DONAMA (Allen, 1900a:155); see Don Amo.

DON AMO; Magdalena ca. 1115/7358 (MHA)
ca. 300 m, 30 km E of Santa Marta [1115/7413 (USBGN)] (MHA); Todd & Carriker (1922:13) place it at 2,000 ft [600 m] and Allen (1904, Bull. Amer. Mus. Nat. Hist., 20:413) at 1,500 ft [450 m]; Smith, 22 Dec. 1898 (Allen, 1900a:155, as "Donama"), 11 Apr., 7 May, 27 July (CM), 6 Aug. 1899 (Allen, 1905:279), 9 July, 25-27, 31 July, 5-6 Aug., Sept 1900 (CM).

DON ANGEL CATALINA, FINCA; see Finca Don Angel Catalina.

DON DIEGO; Magdalena 1115/7342 (USBGN)
Sea level, in coastal lowlands N of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and 55 km E of Santa Marta [1115/7413 (USBGN)] (MHA); formerly San Diego (USBGN); old plantation in humid forest at mouth of Río Don Diego [1116/7342 (USBGN)], Smith, 3, 5-9, 11-18 May 1901, Edmondson, 20, 22 May 1901, Carriker, 14-24, 26-29, 31 Jan., 1-6 Feb. 1914 (Todd & Carriker, 1922:113; Carriker, 1959b:220; CU; CM; ANSP, also as "San Diego"); Russell, Feb., Mar. 1972, Johnson, May, June 1972 (LSU).

DON HUNSAKER III, FINCA; see Finca Don Hunsaker III.

DON JACA; Magdalena ca. 1106/7413
Sea level, railway station at mouth of Quebrada Don Jaca [1106/7413 (USBGN)], not shown on recent maps or listed in USBGN, 18 km S of

Santa Marta [1115/7413 (USBGN)] and 11 km NNE of Ciénaga [1101/7415 (USBGN)] (MHA, as "Donjaca"); Carriker, 10 Apr. 1913 (Todd & Carriker, 1922:113); Darlington, intermittently, June 1928-Apr. 1929 (Darlington, 1931:349ff); Carriker, 20 Oct. 1964 (MVZ, as "Donjaca" and "Dorjaca").

DONJACA (MHA); see Don Jaca.

DONJUANA, LA; see La Donjuana.

DON MARTÍN (Iafrancesco, et al., 1989:138); see San Martín, Antioquia.

DON MATÍAS; Antioquia 0630/7522 (USBGN)
2,206 m, on eastern watershed at northern end of Central Andes, above Río Porce (or Río Medellín) [0728/7453 (USBGN)] and 35 km NE of Medellín [0615/7535 (USBGN)] (MHA); Serna, 20 May 1972 (Serna, 1980:57).

DORADA (Borrero, 1970b:702); see La Dorada.

DORADA, LA; see La Dorada.

DORADO, EL; see El Dorado.

DORIJACA (MVZ); see Don Jaca.

DOS BOCAS; Antioquia 0727/7454 (USBGN)
ca. 100 m, at confluence of Río Porce [0728/7453 (USBGN)] and Río Nechí [0808/7446 (USBGN)] on northeastern side of northern end of Central Andes (MHA); Salmon, nearby, 1870's (Sclater & Salvin, 1879:489).

DUBASA, RÍO; Chocó 0519/7657 (USBGN)
Affluent of upper Río Baudó [0457/7722 (USBGN)], entering on right bank, von Sneidern, at 100 m, 2 Sept. 1945 (von Sneidern, 1954:13).

DUDA, RÍO; Meta 0233/7402 (USBGN)
Rises at base of middle Eastern Andes W of northern end of Serranía de la Macarena [0245/7355 (USBGN)] and flows SSW, parallel to Serranía de la Macarena and midway between this range and Andes, to join Río Guayabero [0236/7247 (USBGN)] (Atlas, 1977); Lemke and Gertler, at confluence of Ríos Duda and Guayabero, 2 Dec. 1976, at Duda Cabaña [ca. 0233/7402 (Lemke & Gertler, 1979:453, map)], 5 Nov. 1975, 29, 31 Oct., 2, 5-8, 10, 20, 27 Nov., 2, 4-5 Dec. 1976, and at Camp Chamusa [ca.

0245/7409 (Lemke & Gertler, 1979:453, map)], 5 Feb., 11 Mar. 1976 (Lemke & Gertler, 1979:453-455); note that "Río Duda" of Gilliard (1942:464) is Río Dudita [ca. 0326/7350 (Dicc. Geog.)] on the opposite side of Serranía de la Macarena (see Río Dudita).

DUDA, RÍO (Gilliard, 1942:464); see Dudita, Río.

DUDA CABAÑA; Meta ca. 0233/7402 (Lemke & Gertler, 1979:453, map) ca. 200 m (Atlas, 1977); at western base in middle of Serranía de la Macarena [0245/7355 (USBGN)], on Río Duda [0233/7402 (USBGN)] near its confluence with Río Guayabero [0236/7247 (USBGN)], Lemke and Gertler, in region at various times between Aug. 1975-Jan. 1977, with known dates of 5 Nov. 1975, 29, 31 Oct., 2, 5-8, 10, 20, 27 Nov., 2, 4-5 Dec. 1976 (Lemke & Gertler, 1979:453-455).

DUDITA, RÍO; Meta Not located
Small river with origin on eastern slope of Serranía de la Macarena [0245/7355 (USBGN)], a tributary of Río Guapayá [not located] just before it joins Río Güejar [0255/7314 (USBGN)], Gilliard (1942:464) erroneously called this "Río Duda" (de Schauensee, 1952a:1130); Gilliard, on island in river at 1,800 ft [300 m], Dec. 1941 (Gilliard, 1942:464); collector ? [Gilliard ?], date ? [Dec. 1941 ?] (Borrero, 1960a:504); erroneously spelled "Río Duita" (de Schauensee, 1952a:1130).

DUITA, RÍO (de Schauensee, 1952a:1130); see Dudita, Río.

DURANIA; Norte de Santander 0744/7240 (USBGN)
ca. 1,000 m, on Quebrada Ocareña [0750/7239 (USBGN)], 26 km SW of Cúcuta [0754/7231 (USBGN)], on eastern slope of northern Eastern Andes (MHA); Nicéforo, year ? (Nicéforo, 1945:393).

DURIAMEINA; Magdalena 1039/7339 (USBGN)
3,370 m, on southwestern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); Simons, ca. 1878 (Todd & Carriker, 1922:23, 107, as "Aduriameina," p. 25, as "Adureimeina").

EDÉN (MHA); see El Edén.

EDÉN, EL; see El Edén.

EL ACHIOTE; Putumayo ca. 0030/7631
312 m (MVZ); in municipio of Puerto Asís [0030/7631 (USBGN)], western Putumayo (Dicc. Geog.); Lehmann, 6 Nov. 1958, A. H. Miller, 1 km N at 300 m, 18 Nov. 1958 (MVZ, as "Achiote").

EL ALTO DE LA PAZ; Cundinamarca Not located
4,620 ft [1,400 m], above Pena [La Peña, 0515/7425 (USBGN) ?], González, ca. 1915 (Chapman, 1917:645); possibly on western slope of Eastern Andes near La Paz [0513/7438 (USBGN)] which is in Cordillera del Sargento [0515/7438 (USBGN)], 13 km E of Honda [0512/7445 (USBGN)] and near a well-traveled route to Magdalena Valley; de Schauensee, 1948a:282, and Olivares, 1969b:131, both as "Alto de la Paz."

EL AMPARO (Serna, 1980:5); see Hacienda El Amparo.

EL AMPARO, HACIENDA; see Hacienda El Amparo.

EL ASOMBRO; Valle del Cauca ca. 0320/7632
1,050 m (FMNH); finca at Km 15 on Cali [0327/7631 (USBGN)]/Jamundí [0315/7632 (USBGN)] road, in upper valley of Río Cauca [0854/7428 (USBGN)] (Restrepo & Carvajal, 1982); Lehmann, Jan. (FMNH), Apr. (LSU) 1957; Restrepo and Carvajal, ca. 1980 (Restrepo & Carvajal, 1982).

EL ASTILLERO (MHA); see Casa de Astillero.

EL AVABO; Nariño Not located
Carriker, 8 July 1959 (WFVZ); probably close to El Guabo [0107/7749 (USBGN)], where Carriker had also been on 8 July or, more likely, a misspelling of El Guabo; see El Guabo.

EL BALDÍO (de Schauensee, 1952a:1127); see Baldío, Cordillera de.

EL BANCO; Magdalena 0900/7358 (USBGN)
50 m (de Schauensee, 1948a:285); on right bank of lower Río Magdalena [1106/7451 (USBGN)], ca. 10 km SW of Ciénaga de Zapatosa [0905/7350 (USBGN)], extreme southern Magdalena (MHA); Robinson, nearby, 26 June 1892 (Robinson, 1895:62, as "Banco"); collector ?, date ? (Chapman, 1917:287, as "Banco"; Dugand, 1947c:561; Borrero, 1972b:396).

EL BELÉN (USNM); see Hacienda Belén.

EL BOQUERÓN (USBGN); see Boquerón.

EL BORDO; Cauca 0206/7658 (USBGN)
988 m (Haffer, 1986:541); 55 km SW of Popayán [0227/7636 (USBGN)], in valley of Río Patía [0213/7840 (USBGN)] (MHA); Lehmann, Aug. 1936 (Lehmann, 1943c:185); Wallace, 14-15 Jan. 1956 (Wallace, 1958:180-181); pasture and scattered thickets, Haffer, 2 km W at 700 m, Nov. 1965 (Haffer, 1986:541); Mapa, 1976, treats El Bordo as an older name for Patía [0204/7704 (USBGN)] but they are separate, although nearby, towns; also see Hacienda Guachicono.

EL BORDONCILLO (de Schauensee, 1952a:1127); see Bordoncillo, Volcán.

EL BORDONCILLO, VOLCAN (MHA); see Bordoncillo, Volcán.

EL BOSQUE; La Guajira ca. 1109/7220
800-1,800 ft [250-550 m] (USNM); ca. 9 km S of Carraipía [1116/7222 (USBGN)], at northern end of Serranía de Perijá [1000/7300 (USBGN)], in Montes de Oca [1100/7225 (USBGN)], near Venezuela border (USNM); Wetmore and Carriker, 9-21 June 1941 (USNM; Wetmore, 1953:11; Wetmore & Phelps, 1943, Journ. Washington Acad. Sci., 33:144), 13 Aug. 1941 (Carriker, 1954:8).

EL CAJÓN; Chocó 0452/7637 (USBGN)
70 m, southern Chocó on coastal plain, close to western foothills of central Western Andes, 18 km WNW of Cerro Torrá [0449/7626 (USBGN)], on upper Río Cajón [0445/7650 (USBGN)] (MHA); Palmer, 28, 31 Oct., 2-4 Nov. 1908 (Hellmayr, 1911:1097ff, as "Cajón"); see, also, Cajón, Río.

EL CAMPANO; Magdalena ca. 1107/7405
ca. 1,500 m, ca. 25 km SE of Santa Marta [1115/7413 (USBGN)] and 5 km SE of Minca [1109/7407 (USBGN)] (Atlas, 1977); Carriker, 16 July 1960 (LACMNH).

EL CARDÓN; Boyacá (CM); see El Cardón, Santander.

EL CARDÓN; Santander ? Not located
3,300 m, pass above Peña Blanca [ca. 0633/7230 (de Schauensee, 1948a:319)], Carriker, 5 Mar 1917 (de Schauensee, 1948a:291; CM, as "El Cardón, Boyacá"); there are two places with the same name in the general area, viz. at ca. 0605/7232, on the western slope in Boyacá (Atlas, 1977)

and the one on the eastern slope in Casanare, on the Río Chinivaque [ca. 0609/7220 (Atlas, 1977)], 8 km NNW of La Salina [0606/7220 (USBGN)] (Atlas, 1977); however, both Todd (1942, Ann. Carnegie Mus., 29:366) and de Schauensee closely associate Peña Blanca with El Cardón and the coordinates given by de Schauensee for Peña Blanca indicate it is quite some distance from either of these sites; the locality may actually be Alto Cardón [coordinates ?], SE of Carcasí [0642/7235 (USBGN)], Santander (Dicc Geog.); see, also, Cardón, Páramo del.

EL CARMELO; Antioquia; see Medellín.

EL CARMELO; Valle del Cauca 0325/7625 (USBGN)
1,000 m (Borrero, 1968a:6); in upper Cauca Valley, 12 km SE of Cali [0327/7631 (USBGN)] and 8 km W of Candelaria [0325/7620 (USBGN)] (Mapa, Valle, 1973); Borrero, 21 Aug.-8 Sept. 1967, and date ? (Borrero, 1968a:5; 1968b:29); collector ?, date ? (Cantillo, 1983:72).

EL CARMEN; Amazonas, Venezuela (Dugand & Phelps, 1948:228); see Macacuní.

EL CARMEN; Bolívar (Borrero, 1972b:398); see El Carmen de Bolívar.

EL CARMEN; Chocó 0553/7612 (USBGN)
1,592 m, in heart of Western Andes, 20 km WNW of Bolívar [0550/7601 (USBGN)] and 50 km NE of Quibdó [0542/7640 (USBGN)] (MHA); Willis, at 1,300 m, nearby, 21 Feb. 1962 (Willis, 1988:137).

EL CARMEN; Cundinamarca (Chapman, 1917:645); see Carmen de Carupa.

EL CARMEN; Nariño [Putumayo ?] ca. 0040/7710 (FMNH)
5,000 ft [1,500 m], pump station on pipeline above [NW of] San Antonio [ca. 0031/7645 (Atlas, 1977)], on eastern slope of southern Andes, tall forest, von Sneidern, 27 Nov.-15 Dec. 1970 (FMNH; Fitzpatrick & Willard, 1982:154, 157).

EL CARMEN; Valle del Cauca 0333/7639 (USBGN)
1,490 m (MHA, as "Carmen"); on Pacific slope of Western Andes, a short distance S of old Buenaventura [0353/7704, (USBGN)]/Cali [0327/7631 (USBGN)] road, 18 km SSE of Dagua [0340/7641 (USBGN)] (Mapa, Valle, 1973); André, sometime between Mar.-May 1899 (Simon & Dalmás, 1901:216).

EL CARMEN DE BOLÍVAR; Bolívar 0943/7508 (USBGN)
132 m, at eastern base of Montañas de María [0940/7515 (USBGN)], 30 km W of lower Río Magdalena [1106/7451 (USBGN)] and 90 km SE of Cartagena [1025/7532 (USBGN)] (MHA, as "El Carmen"); collector ?, date ? (Borrero, 1972b:398).

EL CARMEN DE VIBORAL (Anonymous, 1991a); see Carmen de Viboral.

EL CASTILA (MCZ); see La Castilla.

EL CASILLO (LACMNH); see Castilla.

EL CAUCA; Cesar 0810/7324 (USBGN)
900 m, on western slope of northern Eastern Andes (de Schauensee, 1948a: 292); not on our maps, but very near to La Palmita [ca. 0814/7324 (IGAC [Cesar])], which is shown, and on old trail from Ocaña [0815/7320 (USBGN)] to Loma de Corredor [0808/7346 (USBGN)] on Río Magdalena [1106/7451 (USBGN)] and very close to border of Norte de Santander; reference by Aveledo & Pons (1952, Noved. Cient. Mus. Hist. Nat. La Salle, Ser. Zool., no. 7, p. 11) to "El Cauca, Santander," must be to this site; Carriker erroneously labeled material from this finca as "El Cauca, Santander" (Parkes, 1969:82); Carriker, 28-31 July, 1-8 Aug. 1916 (Carriker, 1955: 55, 57, 58, as "El Cauca, Magdalena"; Parkes, loc. cit., as "El Cauca, Magdalena"; CM; UMMZ, as "El Cauca, Santander"; ANSP, also as "La Cauca, Santander").

EL CAUCA; Magdalena (Parkes, 1969:82); see El Cauca, Cesar.

EL CAUCA; Santander (Aveledo & Pons, 1952, Noved. Cient. Mus. Hist. Nat. La Salle, Ser. Zool., no. 7, p. 11); see El Cauca, Cesar.

EL CAUCHO; Boyacá ca. 0525/7252
Alt. ?; near Sisbaca [0522/7252 (USBGN)] and Pueblovieja [0531/7252 (USBGN)] which are on eastern slope of central Eastern Andes, collector ?, date ? (Nicéforo & Olivares, 1968:271, as "El Caucho (Sisbaca)", and pp. 273, 276, as "El Caucho (Sisbaca, Pueblo Viejo)"; Mario, 17, 19 June 1958 (Iafrancesco, et al., 1985:61, 64).

EL CEDRITO (MVZ); see Cedrito de Lebrija.

EL CENTRO; Santander 0657/7346 (USBGN)
100-200 m (Borrero, Olivares, & Hernández, 1962:586); 200 m, petroleum camp in middle Magdalena Valley, 25 km E of Río Magdalena

[1106/7451 (USBGN)] and 20 km SE of Barrancabermeja [0703/7352 (USBGN)], hilly, streams and swamps, dense forest and numerous clearings (Boggs, 1961:402; de Schauensee, 1952a:1128); Boggs, 4 Feb. 1946 (ANSP); Borrero and Hernández, in vicinity, Nov. 1956 (Borrero & Hernández, 1957b:202; Borrero, Olivares, & Hernández, 1962:586ff); Boggs, Apr. 1945-Mar. 1946 (Boggs, 1961:401).

EL CERRITO; Córdoba 0843/7547 (USBGN)
ca. 20 m, on Caribbean coastal plain, 12 km ESE of Montería [0846/7553 (USBGN)] (MHA, as "Cerrito"; Atlas, 1977); Nicéforo, 3 Feb. 1966 (Iafrancesco, et al., 1986:59, as "Cerrito"); Isaza, 26 May 1972 (Serna, 1980:44, as "Cerrito").

EL CERRITO; Valle del Cauca 0342/7619 (USBGN)
990 m, on eastern side of upper Cauca Valley, 8 km S of Guacarí [0346/7620 (USBGN)] and 18 km N of Palmira [0332/7616 (USBGN)] (MHA, as "Cerrito"); collector ?, date ? (Borrero, 1972b:400).

EL CHAQUIRO; Antioquia ca. 0645/7532 (IGAC [Antioquia])
ca. 2,800 m, at northern end of Central Andes on eastern watershed, ca. 10 km NNW of Santa Rosa de Osos [0639/7528 (USBGN)] (IGAC [Antioquia]); Atlas, 1977, as "Chaquiro"); collector ?, 5 Feb., 14 Aug. 1966, 20 Jan. 1967, Serna, 21 Jan., 21 Feb. 1968, 29 Sept., 29 Oct. 1973, Serna and Isaza, 21 Jan. 1968, Serna and Pérez, 21 Jan. 1968, Serna, Pérez, García, and Garcés, 29 Sept. 1973 (Serna, 1980:19, 34, 45, 49-50, 58, 72, 77, 87, 89, 101).

EL CHAQUIRO; see Santa Rosa de Osos.

EL CHICO; Cundinamarca Not located
Doubtless same as Chico [not located], which see; on Sabana de Bogotá, collector ?, date ? (Olivares, 1969b:275); Borrero, 8 July 1952, Hernández, 31 Jan. 1954, Borrero, 11, 14 May 1959, Bernal, 20 Sept. 1959, 22 May 1960 (LACMNH).

EL CHIRCAL, LAGUNA DE (Lehmann, 1957:147); see Chircal, Laguna.

EL CHOCHO; Cundinamarca 0423/7425 (USBGN)
ca. 1,500 m, on western slope of central Eastern Andes, in valley of Río Choto [Río Subía, 0422/7424 (USBGN)] 8 km NW of Fusagasugá [0421/7422 (USBGN)] and 4 km SW of Silvania [0424/7424 (USBGN)] (Atlas, 1977); collector ?, date ? (Borrero, Olivares, & Hernández, 1962:600).

- EL CHONCHO; Boyacá ca. 0522/7252
Near Cisbaca [Sisbaca, 0522/7252 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1976b:7); probably = El Caucho [ca. 0525/7252], which see.
- EL CIRUELO; Cauca ca. 0228/7653
ca. 2,000 m, on eastern slope of western Andes between Cerro Munchique [0232/7657 (USBGN)] and 12 km W of El Tambo [0225/7649 (USBGN)], Pazos, 6, 9, 23, 29 Aug., 15 Sept. 1966, 18, 24 Feb., 2, 5, 9 Mar., 9, 19 Dec. 1972, 18-19 Jan. 1974 (MCZ, sometimes as "Cirvelo"; MVZ, as "Ciruelo"); collector ? [Pazos ?], 30 July, 15 Aug. 1966 (ANSP, as "Ciruelo"); not found on our maps.
- EL COCUY; Boyacá 0625/7227 (USBGN)
2,749 m, northern Boyacá, 20 km W of Sierra Nevada del Cocuy [0625/7218 (USBGN)] (MHA; Atlas, 1977); Carriker, 24 Mar. 1917 (CM, as "El Cocuy, Santander").
- EL COCUY; Santander (CM); see El Cocuy, Boyacá.
- EL COFRE; Cauca Not located
In " hill country outside Popayán [0227/7636 (USBGN)]," Wallace, 22 Oct. 1955 (Wallace, 1958:178); presumably in vicinity of Río Cofre [0233/7636 (USBGN)], ca. 20 km NE of Popayán; certainly not Cerro el Cofre [0132/7713 (USBGN)], Nariño; Acevedo, 17 Jan. 1965 (YPM).
- EL COLEGIO; Cundinamarca 0435/7427 (USBGN)
ca. 700 m, in valley of Río Bogotá [0418/7448 (USBGN)] on western slope of central Eastern Andes, 15 km W of Salto de Tequendama [0435/7418 (USBGN)] and 40 km W of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, Aug. 1934 (Iafrancesco, et al., 1987:82); collector ?, 27 July, Sept. 1945 (Iafrancesco, et al., 1987:77, 109, as "Mesitas de Colegio"); Nicéforo, at 1,200 m, date ? (Nicéforo, 1947:359); collector ?, at 1,700 m, date ? (Borrero, 1955:8); collector ?, date ? (Olivares, 1969b:348, as "Las Mesitas"); Köster, at ca. 400-500 m, date ? (Köster, 1976:77); Arvey, 17, 22, 26, 29 Oct., 18-19 Nov., 12, 22 Dec. 1959, 4 Feb., 7 Apr. 1960, Marinkelle, 3, 15 May, 19 June 1966, 8 Mar., 3 June 1967, collector ?, May 1966 (WVZ, as "Mesitas del Colegio," "Las Mesitas," and "Mesitas"; UMMZ, as "Mesitas del Colegio"; LACMNH, as "El Colegio, Mesitas").
- EL CÓNDOR; Cauca ca. 0235/7700
1,620 m, site in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on slopes of Cerro Munchique [0232/7657 (USBGN)], Negret,

July 1989, Acevedo, Jan. 1991, Negret, Nov. 1994 (Negret, 1991:41, 42; 1997c:88).

EL CONEJO (USNM); see Conejo.

EL CONSUELO; Cundinamarca ca. 0504/7436
3,300 ft [1,025 m], posada four hour's ride E from Honda [0512/7445 (USBGN)] on trail to Bogotá [0436/7405 (USBGN)], Chapman, et al., [2-9 Feb. ?], 5-7 Apr. 1913 (Chapman, 1917:50, 645); Fuertes, 6-7 Feb. 1911 (CU, also as "El Consuelo, Tolima"); de Schauensee (1948a:296) places this 18 km SE of Honda, just below Alto del Sargento [Cordillera del Sargento, 0515/7438 (USBGN) ?], the first ridge on western slope of Eastern Andes, and just W of Guaduas [0504/7436 (USBGN)].

EL CONSUELO; Tolima (CU); see El Consuelo; Cundinamarca.

EL CORSO (Nicéforo, 1947:319); see El Corzo, Estación de.

EL CORZO, ESTACIÓN DE; Cundinamarca 0447/7419 (USBGN)
ca. 2,600 m (MHA); not shown on our maps; railway station near Facativá [0449/7422 (USBGN)] on western side of Sabana de Bogotá; collector ?, Oct. 1915 (Nicéforo, 1947:319, as "El Corso"); Abadía, 1 Nov. 1915 (Apolinar, 1916:31, as "El Corso").

EL CRUCERO; Cauca (1) 0223/7639 (USBGN)
ca. 1,800 m, in upper Cauca Valley, 5 km SW of Popayán [0227/7636 (USBGN)] (Atlas, 1977); correctly located by de Schauensee (1948a:296, as "Crucero"), but subsequently (de Schauensee, 1952a:1124) erroneously placed at head of valley of Río Patía [0213/7840 (USBGN)]; region formerly covered by extensive forests which now are nearly destroyed, Lehmann, frequently (dates ?) (Lehmann, 1957:146); Carriker, 25 Feb. 1954 (YPM), 6 May, 21 Apr., 21 July 1956 (CM), 23 Oct. 1957 (UMMZ); some of the Carriker records may pertain to the similarly-named locality near Volcán Puracé.

EL CRUCERO; Cauca (2) Not located
3,280 m, "above Puracé [Volcán Puracé, 0221/7623 (USBGN) ?]," Carriker, Feb. 1954 (Carriker, 1955:54); Carriker, 1956, 1957, 1958 (FMNH), 23, 25 Oct. 1957, 8, 13-15, 17-18, Oct. 1958, 27 Sept. 1959 (WFVZ; LACMNH); altitude indicates this is not the El Crucero [0223/7639 (USBGN)] on outskirts of Popayán [0227/7636 (USBGN)]; de Schauensee (1950:errata) places near Timbio [0220/7640 (USBGN)];

doubtless it is on the road across Andes N of Volcán Puracé and may be in Huila; de Schauensee, 1948a:296 and Dugand, 1951b:163, as "Crucero."

- EL CRUCERO; Huila ca. 0158/7628
2,200 m, on eastern slope of Central Andes at headwaters of Río Magdalena [1160/7451 (USBGN)], 5 km below San Antonio [0157/7629 (USBGN)], district of San Agustín [0155/7620 (USBGN)], Hershkovitz, at 2,200 m, 1951 (Blake, 1955:19; FMNH); does not appear on our maps.
- EL DANUBIO; Valle del Cauca 0337/7653 (USBGN)
ca. 500 m (Atlas, 1977); on western slope of Western Andes, on right bank of Río Digua [0336/7657 (USBGN)], at Km 84 on old Buenaventura [0353/7704 (USBGN)/Cali [0327/7631 (USBGN)] road (Mapa, Valle, 1973); Hilty, 197? (Hilty, 1977:44, as "Danubio").
- EL DELIRIO; Vichada ca. 0555/6850
ca. 200 m (Atlas, 1977); northern Vichada on Puerto Carreño [0612/6722 (USBGN)]/Villavicencio [0409/7337 (USBGN)] road, 170 km W of Puerto Carreño, collector ?, 13-14, 22 Mar. 1971 (Olivares, 1974a:93ff).
- EL DESTINO; Manabi, Ecuador
According to de Schauensee (1952a:1129), Zimmer recorded this locality as being in Colombia although it is in coastal Ecuador.
- EL DIAMANTE; Norte de Santander 0734/7238 (USBGN)
ca. 1,200 m, on eastern slope of northern Eastern Andes, on upper Río Pamplonito [0820/7221 (USBGN)], 20 km NNE of Pamplona [0723/7239 (USBGN)] (MHA, as "Diamante"); Nicéforo, date ?, 7 Aug. 1949, 7 Jan., 24 Nov. 1950, Filiberto and Nicéforo, 25 Nov. 1950 (Nicéforo & Olivares, 1964:9, as "El Diamante, Astillero"; Iafrancesco, et al., 1986:50; 1987:83, 142; 1989:145).
- EL DIFÍCIL; Magdalena 0951/7414 (USBGN)
ca. 100 m, to E of lower Río Magdalena [1106/7451 (USBGN)], ca. 35 km W of Río Ariguani [0935/7346 (USBGN)], on Plato [0947/7444 (USBGN)]/Alejandría [0948/7412 (USBGN)] road, 18 km NW of Alejandría (IGAC [Magdalena]); not to be confused with Campamento el Difícil, on northern outskirts of Alejandría; Carriker, 22-24, 26-28, 30-31 Dec. 1946, 2, 4, 6-12, 14-15, 17 Jan. 1947 (USNM).
- EL DINTEL; Cundinamarca 0454/7420 (USBGN)
ca. 2,600 m, on northwestern edge of Sabana de Bogotá, 10 km NNE of

Facatativá [0449/7422 (USBGN)] and 11 km ENE of Albán [0453/7427 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1965:43).

EL DIVISO; Nariño 0122/7814 (USBGN)
Alt. ?; on coastal plain of central western Nariño; not shown on our maps; Dunning, 14 Aug. 1967 (ANSP).

EL DORADO; Vaupés 0111/7152 (USBGN)
300 m (Hilty & Brown, 1986:ix); on northeastern shore of Uaruá Ipána [0110/7152 (USBGN)], ca. 200 km W of Mitú [0108/7003 (USBGN)] (MHA); on upper Río Vaupés [0002/6716 (USBGN)], Ridgely, early June 1976 (Hilty & Brown, 1986:226, 271, 517).

EL EDÉN; Norte de Santander 0807/7228 (USBGN)
ca. 100 m, on railroad 25 km N of Cúcuta [0754/7231 (USBGN)] at northern base of Andes (MHA, as "Edén"); the site is not shown on IGAC [N. de Santander] and may no longer exist; Nicéforo, Dec. 1936 (Nicéforo, 1947:349), Sept 1937 (Iafrancesco, et al., 1989:143); Valentín and Esteban, Dec. 1937 (Iafrancesco, et al., 1987:72).

EL EDÉN; Tolima ca. 0430/7520
8,500 ft [2,600 m], posada on Quindío trail above Ibagué [0427/7514 (USBGN)], mostly cleared of subtropical forest [1911], Miller and Allen, 17-21 Oct. 1911 (Chapman, 1917:35-36, 645); Fuertes, 21 Mar., 20-21 May 1911 (CU); not on our maps, but Miller and Allen's next stop, two days later, was near mouth of Río Toche [0426/7522 (USBGN)] which provides a basis for estimating the location of El Edén.

EL EMBO (MVZ); see El Umbo.

EL ENCANO; Nariño 0110/7710 (USBGN)
2,830 m (de Schauensee, 1952a:1130); at northern end of Laguna de la Cocha [0105/7708 (USBGN)] on eastern slope, 15 km SE of Pasto [0113/7717 (USBGN)] (Atlas, 1977); Borrero and Lumsden, sometime between Jan.-Mar. 1950 (Borrero, 1952b:1, 4).

EL ESPINAL (Nicéforo & Olivares, 1967:428); see Espinal, Tolima.

EL ESPINAL, LAGUNA DE; Valle del Cauca ca. 0345/7625
ca. 1,000 m (MHA); not on our maps; in upper Cauca Valley at eastern base of Western Andes, in municipality of Vijes [0345/7625 (USBGN)], Lehmann, July 1956 (Lehmann, 1956:111).

- EL ESTERO, ARROYO; La Guajira 1128/7303 (USBGN)
 Small river on Caribbean coastal plain at base of Península de la Guajira [1200/7130 (USBGN)] with its mouth 18 km SW of Ríoacha [1133/7255 (USBGN)] (MHA, as "Río Ahumada"; Atlas, 1977); Serna, 1980 and/or 1981 (Serna, 1984:21, as "Laguna Boca Ahumada").
- EL ESTRECHO; Cauca ca. 0158/7706
 615 m, near lower Río Guachicono [0156/7708 (USBGN)] where trail to Olaya [0202/7607 (USBGN)] leaves road to Pasto [0202/7607 (USBGN)], dry pastures, Haffer, Nov. 1965 (Haffer, 1986:541); not on our maps.
- EL GUABITO, HACIENDA DE; see Hacienda de el Guabito.
- EL GUABO; Nariño 0107/7749 (USBGN)
 2,100 m (FMNH); on Pacific slope on upper Río el Guabo [0112/7759 (USBGN)], 18 km SE of Ricaurte [0113/7759 (USBGN)] (MHA, as "Guabo"); Carriker, 28-31 July, 1-3 Aug., 2-3 Oct. 1957 (LACMNH), 28-30 Mar. (YPM), 29 July 1958 (UMMZ), 7-11 July 1959 (WFVZ); also see El Quabo and El Avabo.
- EL GUADUAL; Santander ca. 0655/7330
 800 m, on western slope of Cordillera de la Paz [0705/7325 (USBGN)] on western side of northern Eastern Andes, in municipality of San Vicente [de Chucurí, 0655/7330 (USBGN)], Borrero & Hernández ?, Nov. 1956 ? (Borrero & Hernández, 1961:440; 1957b:197ff); coordinates of 0324/7328 given by Borrero & Hernández (1961:440) are obviously erroneous; Vidates, date ? (FMNH).
- EL GUAMO (Borrero, Olivares, & Hernández, 1962:593); see Guamo.
- EL GUARUMO; Córdoba 0848/7525 (USBGN)
 ca. 100 m, northeastern Córdoba, 48 km E of Montería [0846/7553 (USBGN)] and 18 km S of Sahagún [0857/7527 (USBGN)] (Atlas, 1977); collector ?, date ? (Borrero, 1972b:398).
- EL GUAYABAL (Nicéforo, 1947:372); see Guayabal.
- EL GUINEO; Valle del Cauca 0404/7703 (USBGN)
 ca. 100 m, on Pacific coastal plain, 43 km E of mouth of Río San Juan [0403/7727 (USBGN)] and 13 km S of Palestina [0409/7704 (USBGN)] (MHA); Palmer, who collected here 5-8, 10-11 Aug. 1908 (Hellmayr, 1911:1099ff), placed [El] Guineo on Río Calima [0408/7704 (USBGN)] but it is separated from that watershed by Istmo de San Joaquín [ca. 0405/7100

(MHA)], a range of low hills, and situated near source of stream flowing SW to Bahía de Buenaventura [0348/7717 (USBGN)] (MHA).

EL GUSANO; Tolima Not located
Near Guamo [0402/7458 (USBGN)] in upper Río Magdalena [1106/7451 (USBGN)] valley, Isaza, date ? (Iafrancesco, et al., 1989:150, as "El Guamo, El Gusano").

EL GUASIMO, HACIENDA; see Hacienda El Guasimo.

EL HATO; Norte de Santander ca. 0750/7230
1,250 ft [375 m], on eastern side of northern extension of Eastern Andes, ca. 8 km S of Cúcuta [0754/7231 (USBGN)] and ca. 5 km W of Villa Rosario [0750/7228 (USBGN)], very arid, Carriker, 4-8 Nov. 1947 (USNM); not on our maps.

EL HERRERO; see San Pedro; Antioquia.

EL HORMIGUERO (Lehmann, 1957:122); see Hormiguero.

EL HOSPICIO (Borrero, Olivares, & Hernández, 1962:593); see Hospicio.

EL HOYA; Santander (UMMZ); see El Hoyo, Santander.

EL HOYO; Cauca. ca. 0211/7700
Alt. ?; in valley of upper Río Patía [0213/7840 (USBGN)], at confluence of Río Timbío [0211/7700 (USBGN)] and Río Quilcacé [0211/7700 (USBGN)], with Río Patía (Atlas, 1977); Negret, Mar., July 1992 (Negret, 1992:45).

EL HOYO; Santander Not located
Marinkelle, 15, 18 Oct. 1966 (UMMZ, also as "El Hoya"); may refer to Hoya [not located] in municipio Simacota [0630/7330 (USBGN)], central Santander (Dicc. Geog.).

ELÍAS, MONTE; see Monte Elías.

EL ISNO (de Schauensee, 1945b:52); see Isnos.

EL JORDÁN (Cantillo, 1983:72); see Jordán, Valle del Cauca.

EL LÍBANO; Magdalena ca. 1110/7400
6,000 ft [1,850 m], a spur of Cuchilla San Lorenzo [ca. 1110/7407 (IGAC,

Mag.]) on northwestern Sierra Nevada de Santa Marta [1050/7340 (USBGN)], heavy subtropical forest (Todd & Carriker, 1922:113, also, as "Sierra del Líbano"); Smith, 22-23, 25, 27, 29 Apr., 3-4, 10, 12, 18, 20-21, 25 May, 16 June, 14 Dec. 1899 (Allen, 1900a:126ff; CM); Hull, 22-23, 25, 27, 29 Apr., 2, 6, 9, 18, 25 May 1899 (CM); Cory, 1918, Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt. 3, p. 220, as "El Libans."

EL LÍBANO; Tolima (Nicéforo, 1940:321); see Líbano.

EL LIBANS (Cory, 1918, Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt. 3, p. 220); see El Líbano, Magdalena.

EL LIMÓN; Antioquia ca. 0545/7515 (Atlas, 1992)
ca. 500 m, 25 km NE of Sonsón [0542/7518 (USBGN)] and 70 km SE of Medellín [0615/7535 (USBGN)] (Atlas, 1992); in vicinity of Yarumal [0658/7524 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1966:386).

EL LIMÓN; Huila Not located
von Sneider, 10 Aug. 1942. (UMMZ); possibly near San Agustín [0153/7616 (USBGN)] where von Sneider was from July to early August 1942; may refer to Cerro Limón [not located] in municipio Pitalito [0145/7610 (USBGN)] (Dicc. Geog.).

EL LIMONAR; Valle del Cauca (1) ca. 0448/5559
ca. 1,000 m, forested plot of ca. 5 ha in northern Valle del Cauca on western side of middle Río Cauca [0854/7428 (USBGN)] valley, in town of Ansermanuevo [0448/7559 (USBGN)], Orejuela and Cantillo, ca. 1980 (Orejuela & Cantillo, 1982); not found on our maps.

EL LIMONAR; Valle del Cauca. (2) 0336/7643 (USBGN)
1,900 m (MVZ); on western slope of Western Andes, 8 km S of Dagua [0340/7641 (USBGN)] (Mapa, Valle, 1973); Lehmann, 19 Nov. 1950, 30 Nov. 1958 (MVZ, as "Limonar").

EL LLANITO, FINCA; see Finca El Llanito.

EL LORENZO (Allen, 1900a:147); see San Lorenzo, Cuchilla.

EL MADRIGAL; Valle del Cauca ca. 0409/7618
ca. 1,000 m, small plot of degraded forest on western side of Río Cauca [0854/7428 (USBGN)] valley in northern Valle del Cauca, in town of

Ríofrío [0409/7618 (USBGN)], Orejuela and Cantillo, ca. 1980 (Orejuela & Cantillo, 1982); not indicated on our maps.

EL MAMÓN (Bangs, 1899d:75); see El Mamón, Cerro.

EL MAMÓN, CERRO; Cesar 1037/7333 (USBGN)
3,000 m, peak S of highest peaks of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and 11 km NE of San Sebastián de Rábago [1034/7336 (USBGN)] (MHA); Brown, at 8,000 ft [2,450 m], grass with low woods along streams, 2-5, 7-8, 10-11, 21, 23-26 July 1899 (Bangs, 1899d:75ff, as "El Mamón"; MCZ); Carriker, on southern side at 6,800 ft. [2,100 m], 2-4 Mar. 1946 (USNM).

EL MICO (Philipson, et al., 1951:189); see Los Micos.

EL MIRADOR; Putumayo Not located
2,100 m, on eastern spur of southern Andes in vicinity of Río Blanco [not located] just before dropping into valley of Río Mocoa [0103/7630 (USBGN)], subtropical, Lehmann, 27 June 1958 (Lehmann, 1960a:272; MVZ, as "Mirador").

EL MOCHUELO; see Mochuelito.

EL NARANJO; Santander 0712/7318 (USBGN)
ca. 700 m, on western slope of northern Eastern Andes, 20 km NW of Bucaramanga [0708/7309 (USBGN)] (MHA); Wyatt, early Mar. 1870 (Wyatt, 1871:129, 321ff, as "Naranjo").

EL NARANJO; Valle del Cauca 0347/7644 (USBGN)
580-850 m (de Schauensee, 1948a:314, as "Naranjo"); 640 m (Simon & Dalmas, 1901:216, as "Naranjo"); on Pacific slope of Western Andes on upper Río Dagua [0352/7704 (USBGN)], 5 km ENE of Juntas [ca. 0346/7645 (Mapa, Valle, 1973)] and 1 km E of Cisneros [0347/7646 (USBGN)] (Mapa, Valle, 1973); André, between Mar.-May 1899 (Simon & Dalmas, 1901:216); probably this is Palmer's "Naranjito" [ca. 0347/7644], which see.

EL NIPÓN; see Salamina.

EL OCASO; Cundinamarca 0443/7425 (USBGN)
ca. 1,900 m, on western slope of central Eastern Andes, on railway 38 km WNW of Bogotá [0436/7405 (USBGN)] and 8 km SE of Anolaima

[0446/7428 (USBGN)] (Atlas, 1977); collector ?, date ? (Olivares, 1969b:348).

EL OCHO; La Guajira ca. 1107/7236
Alt. ?; in central southern Península de la Guajira [1200/7130 (USBGN)],
ca. 15 km NE of Roche [1105/7238 (USBGN)], Serna, July, Nov. 1980
(Serna, 1984:2, 22, 23).

EL OTOÑO; Cundinamarca Not located
On Sabana de Bogotá, collector ?, date ? (Olivares, 1969b:230).

ELOY VALENZUELA; Bolívar Not located
Collector ?, "between Lebrija, Bolívar" [Barranca de Lebrija, Cesar, at
0801/7343 (USBGN) ?; certainly not Lebrija, Santander, at 0707/7313
(USBGN)] and Eloy Valenzuela, date ? (Borrero, 1972b:398).

EL PAILLON (Simon & Dalmás, 1901:216); see Pallón, Estero.

EL PAJAR; Atlántico ca. 1059/7452
Alt. ?; finca between Barranquilla [1059/7448 (USBGN)] and Puerto
Colombia [1059/7458 (USBGN)], collector ?, date ? (Dugand, 1940b:229);
not on our maps.

EL PÁJARO; La Guajira 1143/7241 (USBGN)
Sea level, on coast near western base of Península de la Guajira [1200/7130
(USBGN)], 32 km NE of Ríohacha [1133/7255 (USBGN)] (MHA);
Lehmann, between El Pájaro and Ríohacha, Apr. 1941 (Lehmann,
1945:104); Serna, Aug. 1981 (Serna, 1984:23, as "Pájaro").

EL PALMAR (de Schauensee, 1952a:1124); see Palmar, Casanare.

EL PALMAR DE VARELA (FMNH); see Palmar de Varela.

EL PAPAYO; Cauca Not located
ca. 200 m, on Pacific coastal plain, on Río Saija [0252/7741 (USBGN)],
von Sneidern, June, July, Sept. 1958 (FMNH).

EL PARAÍSO; Atlántico 1041/7444 (USBGN)
7 m (de Schauensee, 1948a:318); on western bank of lower Río Magdalena
[1106/7451 (USBGN)], opposite Remolino [1042/7443 (USBGN)] and
between Palmar de Varela [1045/7445 (USBGN)] and Ponedera [1038/7445
(USBGN)], semi-arid vegetation converted to pasture, Dugand, Sept. 1934,
27 Feb. 1939, 4 Aug. 1943, 2 Feb., Dec. 1945, Jan.-Feb. 1946, Jan.-Feb.

1947 (Dugand, 1947c:538, 545ff); Dugand, Jan. 1941 (Dugand, 1941a:55); Dugand ?, 30-31 Jan. 1946 (Dugand, 1946:280); Dugand, Jan. 1948 (Dugand, 1948a: 187); Dugand, 29 Jan.-5 Feb., 27-29 Apr. 1950 (Dugand, 1951a:154; 1951b:160, 162), many times 1953, 1954 (Dugand, 1954:3; 1955:83); ranch, not on our maps.

EL PARAÍSO; Caquetá Not located
700 m, on road from Florencia [0136/7536 (USBGN)] to Neiva [0256/7518 (USBGN)], Willis, 24-27 Apr. 1962 (Willis, 1988:138); NW of Florencia (Dicc. Geog.).

EL PARAÍSO; Valle del Cauca 0338/7613 (USBGN)
ca. 1,400 m, on eastern side of upper Cauca Valley, lower western slopes of Central Andes, 10 km SSE of El Cerrito [0342/7619 (USBGN)] and 15 km NE of Palmira [0332/7616 (USBGN)] (MHA); Lehmann, ca. 1956 (Lehmann, 1957:107, as "El Paraiso, Cerrito, Valle").

EL PÁRAMO; Nariño 0054/7747 (Ohmer, et al., 1991:484)
1,000 m, forest reserve in central Nariño (Ohmer, et al., 1991, Journ. Nat. Hist., 25:484); not shown on available maps.

EL PASO; Cesar 0940/7345 (USBGN)
698 m, on eastern bank of Río Ariguani [0935/7346 (USBGN)], 18 km WNW of La Loma [0937/7336 (USBGN)], west-central Cesar (IGAC [Cesar]); collector ?, between El Paso and Chiriguaná [0922/7336 (USBGN)], date ? (Borrero, 1972b:396).

EL PEÑOL (Serna, 1980:33); see Peñol.

EL PEÑÓN; Cundinamarca 0426/7418 (USBGN)
2,880 m (de Schauensee, 1948a:319); on western slope of central Eastern Andes, 6 km SSW of Sibate [0430/7416 (USBGN)] and 10 km NE of Fusagasugá [0421/7422 (USBGN)] (MHA); stunted temperate forest with glade-like openings [1913], Chapman, et al., 1-4, 6 Apr. 1913 (Chapman, 1917:645, as "El Piñon"; UMMZ, as "El Piñon"); Fuertes, 5-7 Apr. 1913 (CU, as El Piñon"); Nicéforo, date ? (ANSP, as "El Piñon").

EL PERRO; Antioquia; see Salamina, Caldas.

EL PESCADO; Antioquia ca. 0720/7523 (IGAC [Antioquia])
ca. 1,500-1,700 ft [450-520 m], camp by bridge over Río Pescado [ca. 0720/7523 (IGAC [Antioquia])], near its confluence with Río Cauca [0854/7428 (USBGN)], 9-12 km below Puerto Valdivia [0718/7523

(USBGN)], and 4 km W of Raudal [0720/7517 (USBGN)], second-growth and virgin forest, Carriker, up to 1,700 ft [500 m], 10-17 May 1948 (USNM, sometimes as "Pescado"; IGAC [Antioquia]; Graves, 1988b:529; Hinkleman, 1989).

EL PICACHO; Santander Not located
2,700-3,030 m, Carriker, 9 Feb. 1962 (WVZ; YPM; MVZ), 1 June (MVZ, as "Pie del Picacho"), 7 Dec. 1963 (LACMNH, also as "Pie del Picacho"), 19, 21 May, 22 July, 26, 28, 31 Aug., 10, 14 Sept., 2 Oct. 1964, 11 Jan., 9 June 1965 (MVZ, as "Pie del Picacho"); possibly this is the Picacho [not located] SE of Palmas del Socorro [Palmas, 0625/7318 (USBGN)] in valley of Río Suárez [0646/7312 (USBGN)] on western slope of the Andes (Dicc. Geog.).

EL PIE DE SAN JUAN; Tolima Not located
6,800 ft [2,100 m], probably near mouth of Río Toche [0426/7522 (USBGN)], no forest, Allen and Miller, 23-27 Oct. 1911 (Chapman, 1917:35, 653); Fuertes, 20 May 1911 (CU); also see Toche and Toche, Río.

EL PIÑAL; Valle del Cauca 0341/7640 (USBGN);
Alt ?; on western slope of Western Andes near Dagua [0340/7641 (USBGN) (Mapa, Valle, 1973); observer ?, Sept. 1993 (Barrera & Feliciano, 1994:363); identification of site uncertain.

EL PINDO; Cundinamarca ca. 0438/7405
ca. 3,150 m (MHA); 5 km N of Bogotá [0436/7405 (USBGN)], collector ?, Mar. 1960 (ANSP).

EL PIÑON (Chapman, 1917:603); see El Peñón.

EL PITAL (LACMNH); see Pital.

EL PLACER; Valle del Cauca ca. 0337/7652
1,300 ft [400 m], on western slope of Western Andes on old Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road at Km 75, between Anchicayá [Ladrieros, 0339/7656 (USBGN)] and La Elsa [0335/7647 (USBGN)], 12 mi [19 km] NW of Querebral [0331/7643 (USBGN)] (Sibley, 1958:449; CU); although shown only on Sibley's map, by extrapolation on Mapa, Valle, 1973, it appears this locality is on right bank and near mouth of Río Dagua [0336/7657 (USBGN)] and also near El Danubio [0337/7653 (USBGN)]; collector ?, date ? (Dugand, 1948a:167); Lehmann, 1943 (Lehmann, 1957:150), 4 Dec. 1956 (MVZ); Sibley, 16, 26 June, 16, 26

July 1956 (Sibley, 1958:449; CU); A. H. Miller, at 1,900 ft [600 m], 25 Apr. 1958 (MVZ); also see Km 75 under Anchicayá, Río.

EL PLATEADO; Cauca ca. 0235/7700
900 m, on Río San Juan de Micay [0305/7732 (USBGN)], in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], Negret, July 1988 (Negret, 1991:44).

EL PLAYÓN; Santander 0730/7308 (USBGN)
ca. 600 m, on western slope of northern Eastern Andes, 45 km N of Bucaramanga [0708/7309 (USBGN)] (MHA); Romero, 9 Feb., 7 Apr., 26 Sept. 1970 (Olivares & Romero, 1973:51ff).

EL POBLADO; Antioquia 0613/7534 (USBGN)
ca. 1,500 m, 4 km S of center of Medellín [0615/7535 (USBGN)] in interior of northern Central Andes (MHA); cited by de Schauensee (1952a:1158) but without collector or date; Jiménez and Serna, 3 May 1966, Londoño and Alvarez-López, 22 Aug. 1967, Serna and Londoño, 18 Mar. 1967, Londoño, 8 June 1967, 4 Feb., 25 Oct. 1968, Serna and Marín, 7 Dec. 1968, Jiménez, 6 May 1969, Serna and Uribe, 16 Aug. 1978 (Serna, 1980:15, 25, 33, 60, 63, 67, 86, 101); Mesa, Sept. 1989-spring 1990 (Mesa, 1990); Mesa, 1991 ? (Anonymous, 1991a); Mesa, 1992 ? (Peña, 1992).

EL PORTETE (Sprunt, 1976:36); see Portete, Bahía de.

EL PORTUGAL (WFVZ); see Portugal.

EL PORVENIR; Boyacá (FMNH); see El Porvenir, Norte de Santander.

EL PORVENIR; Meta 0446/7123 (Barreto, 1981:146)
140 m, in extreme northeastern corner of Meta on right bank of Río Meta [0612/6728 (USBGN)], Barreto, July-Dec. 1978, July-Dec. 1979 (Barreto, 1981; Atlas, 1977); McKay, 11-19 Apr. year ? (Hilty & Brown, 1986:527).

EL PORVENIR; Norte de Santander ca. 0703/7210 (IGAC [N. de Santander])
1,300 ft [400 m], in eastern foothills of northern Eastern Andes on Río Cubugón [0703/7205 (USBGN)], von Sneider, Apr.-May 1952 (FMNH, as "El Porvenir, Boyacá"); the locality actually falls midway between the Río Cubugón and Río Margua [0703/7205 (USBGN)] (IGAC [N. de Santander]); collector ?, 13 Mar. 1971 (Olivares, 1974a:68); Nicéforo, above El Porvenir at ca. 700-850 m, 4 Mar. 1955 (Nicéforo, 1955b:177); collector ?, in region of El Porvenir, on right bank of Río Valegrá

[0714/7227 (USBGN)] between Quebrada Cedro [not located] and Quebrada Helechal [not located], subtropical (Niséforo, 1955b:178, 181).

EL POZO; La Guajira 1109/7230 (USBGN)
ca. 400 m, near tip of Montes de Oca [1100/7225 (USBGN)], close to Venezuela border and 20 km NE of Roche [1105/7238 (USBGN)], at base of Península de la Guajira [1200/7130 (USBGN)] (MHA, as "Tigre Pozo"); Serna, Nov. 1980, 1981 (Serna, 1984:2, 22, 27, as "Tigre Pozo").

EL PRADO; Cundinamarca 0443/7402 (USBGN)
ca. 2,600 m (MHA); 5 km N of Bogotá [0436/7405 (USBGN)], collector ?, date ? (Olivares, 1969b:79); Arvey, 16 Feb. 1960 (LACMNH, as "Prado"); Borrero, 12 Nov. 1960 (ANSP); not shown on our maps.

EL PUEBLITO; La Guajira 1059/7327 (USBGN)
2,000 ft [610 m], on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], subtropical, mostly forested [1922], Brown, latter part of Mar. 1898, and Carriker, 4-21 Mar. 1914 (Todd & Carriker, 1922:122, as "Pueblo Viejo"; Carriker, 1959b:222; CM, as "Pueblo Viejo"); Bangs (1898b:157) erroneously gives altitude as 8,000 ft [2,450 m]; Carriker (1959b:222) places near "Río Ancha" [Río Ancho, 1116/7329 (USBGN)] but this must be a lapsus for Río Garavito [1106/7328 (USBGN)] or Río San Antonio, an earlier name (MHA, as "Pueblo Viejo" and "Río San Antonio"; Atlas, 1977).

EL PUEBLO (Hilty & Brown, 1986:533); see El Pueblo la Macarena.

EL PUEBLO LA MACARENA; Meta ca. 0210/7351 (Lemke & Gertler, 1979:453, map)
ca. 200 m (Atlas, 1977); on southern bank of Río Guayabero [0236/7247 (USBGN)] as it loops S at southern end of Serranía de la Macarena [0245/7355 (USBGN)], Lemke and Gertler, in region at various times between Aug. 1975-Jan. 1977, with known dates of 20 Feb. 1976 (Hilty & Brown, 1986:533, as "El Pueblo") and 26 Oct. 1976 (Lemke & Gertler, 1979:453-455); not on our maps.

EL PURO, COCHA DE; Cauca Not located
In valley of Río Patía [0213/7840 (USBGN)], R. Lehmann, 15 Nov. 1956 (Lehmann, 1957:115).

EL QUABO; Nariño Not located
Carriker, 9 July 1959 (WFVZ); obviously close to El Guabo [0107/7749

(USBGN)], where Carriker had been on the same day and almost certainly a misspelling of that locality; see El Guabo.

EL QUEREMAL (Atlas, 1977); see Queremal.

EL RANCHO DE COMIJOQUE, HACIENDA (Olivares, 1971:203); see Comijoque, Alto de.

EL RAYO (Serna, 1980:6); see Rayo, Quebrada.

EL REAL; Antioquia 0740/7446 (USBGN)
ca. 70 m, on right bank of upper Río Nechí [0808/7446 (USBGN)] 18 km NNE of Zaragoza [0730/7452 (USBGN)] (MHA); Carriker, 1-6, 8-13 Mar. (USNM), Apr. 1948 (LSU); collector ?, date ? (Nicéforo & Olivares, 1967:403).

EL RECREO; Valle del Cauca ca. 0337/7653
250-350 m, on Río Anchicayá [0346/7710 (USBGN)] where it is joined by Río Danubio [ca. 0337/7653], site formerly known as "Planada de Monos," not "Plano de los Monos" as used by Simon & Dalmás (1901:216) or "Llano de los Monos" as substituted by de Schauensee (1948a:321) (Lehmann, 1957:147); neither El Recreo nor Planada de Monos appears on our maps, although the Río Danubio is shown on Mapa, Valle, 1973, but it seems, however, to enter the Río Digua [0336/7657 (USBGN)] at El Danubio [0337/7653 (USBGN)] just before the Digua joins the Río Anchicayá, and in this respect differs from Lehmann's description, but not by much; André, at 860 m, 3 Apr. 1899 (Simon & Dalmás, 1901:216, as "Plano de los Monos"; Hellmayr, 1911:1159 as "Plano de los Monos"); Lehmann, 1943 and following years (Lehmann, 1957:147).

EL REFUGIO, FINCA; see Finca El Refugio.

EL RETIRO; Antioquia 0604/7530 (USBGN)
ca 1,500 m, 25 km SSE of Medellín [0615/7535 (USBGN)] and 45 km NW of Sonsón [0542/7518 (USBGN)]; collector ?, date ? (Nicéforo & Olivares, 1967:407); García and Serna, 27 Mar. 1975 (Serna, 1980:38); Olarte and Vélez, at reservoir El Fe [not located], dates ? (Anonymous, 1991a); Olarte, 1988 (Serna, 1992a:18); Betancur, ca. 1986-1994 (Betancur, 1994); Vélez and Betancur, 22 Oct. 1995 (SAO).

EL RETIRO; Bolívar 0910/7444 (USBGN)
ca. 35 m, on left bank of lower Brazo de Loba [0920/7442 (USBGN)], 26 km S of its confluence with Río Magdalena [1106/7451 (USBGN)] and 7

km S of Magangué [0914/7445 (USBGN)] (MHA, as "Retiro"); collector ?, 20 km E of El Retiro, date ? (Borrero, Olivares, & Hernández, 1962:599).

EL ROBLE; Caldas Not located
7,850 ft [2,400 m], posada above Aguada [Aguadas, 0537/7527 (USBGN)], Fuertes, 1, 5 Apr. 1913 (CU); on some labels in the CU collection this locality is unequivically placed in Caldas and in the vicinity of Aguada[s], but other CU labels, as well as other sources, indicate this El Roble is in Cundinamarca; note that Fuertes' dates overlap at the two El Roble sites; presumably the stated proximity of the El Roble in Cundinamarca to La Aguadita [ca. 0425/7420] led to confusion with Aguadas, a major town in Caldas; see El Roble, Cundinamarca (1).

EL ROBLE; Cundinamarca (1) ca. 0423/7419
8,100 ft [2,475 m], a posada on the old Bogotá [0436/7405 (USBGN)]/Fusagasugá [0421/7422 (USBGN)] trail, in deep valley at rim of tableland [= western slope of Eastern Andes], primeval forest [1913], with a few clearings, hour's walk from El Peñón [0426/7418 (USBGN)] and above Aguadita [La Aguadita, ca. 0425/7420], Chapman, et al., 1-4 [5 ?] Apr. 1913 (Chapman, 1917:51, 645); Fuertes, 12 Feb., 31 Mar., 1-3, 5 Apr. 1913 (CU, once as "Alto del Roble"); see comments under El Roble, Caldas; not to be confused with El Roble [0441/7536 (USBGN)], Quindío, which see.

EL ROBLE; Cundinamarca (2) ca. 0500/7421
In vicinity of La Vega [0500/7421 (USBGN)] on western slope of Eastern Andes, collector ?, 9 Apr. 1966 (Serna, 1980:102, as "La Vega (El Roble)").

EL ROBLE; Quindío 0441/7536 (USBGN)
7,100 ft [2,175 m] (Chapman, 1917:34); on western slope of Central Andes, 17 km NE of Armenia [0431/7541 (USBGN)] and 5 km NW of Salento [0438/7534 (USBGN)] (Atlas, 1977); Miller and Allen, in forest at El Roble and in wet forest and clearings at lower altitude to W, 11 Sept., ca. 25 Sept.-2 Oct., 31 Oct.-6 Nov., 8-13 Nov. 1911 (Chapman, 1917:34, 654; UMMZ); to avoid confusion with El Roble [ca. 0423/7419], Cundinamarca, Chapman (op. cit.) listed all material from El Roble, Quindío under Salento, which is nearby.

EL RODEO; Norte de Santander Not located
200 m (de Schauensee, 1952a:1135); described by Nicéforo (1948:208) as being 12 km N of Cúcuta [0754/7231 (USBGN)], while de Schauensee (loc.

cit.) places it to the W; Nicéforo, 11-21, 30 Dec. 1947 (Nicéforo, 1948:208; Iafrancesco, et al., 1987:75), 4 Jan. 1948 (Serna, 1980:27).

EL ROSARIO; Norte de Santander (Nicéforo, 1944:376); see Villa Rosario.

ELSA, LA; see La Elsa.

EL SALADITO (Cantillo, 1983:72); see Saladito.

EL SALADO; Valle del Cauca 0334/7643 (USBGN)
4,300 ft [1,300 m], on western slope of Western Andes on old Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road, at Km 45, 4 km N of Queremal [0331/7643 (USBGN)], Sibley, 7, 10, 30 June, 1 July 1956 (MHA, as "Salado"; Sibley, 1958:449; Mapa, Valle, 1973; CU).

EL SILENCIO; Valle del Cauca ca. 0415/7615
ca. 1,000 m, on eastern slope of Western Andes, 10 km SW of Roldanillo [0424/7609 (USBGN)] and 30 km S of Tuluá [0406/7611 (USBGN)] (Atlas, 1992); 1,500+ m, in Western Andes, W of city of Cali [0327/7631 (USBGN)], collector ?, date ? (Cantillo, 1983:72)

EL SOCORRO (Borrero, 1955:4); see Socorro, Santander.

EL TABACO; La Guaira 1107/7235 (USBGN)
Alt. ?; at base of Península de la Guajira [1200/7130 (USBGN)], close to Venezuela border, ca. 10 km E of Roche [1105/7238 (USBGN)], Serna, Nov. 1980, 14 Mar., June 1981 (Serna, 1984:2, 20, 23, 29, as "Tabaco"); apparently on Arroyo Tobacco [1109/7235 (USBGN)] although not on available maps.

EL TABLAZO; Santander 0702/7321 (USBGN)
240 m, on western side of northern Eastern Andes, on Río Sogamoso [0713/7356 (USBGN)], 22 km SW of Bucaramanga [0708/7309 (USBGN)] (MHA, as "Tablazo"); Carriker, 27 Sept. 1960, 6 Oct. 1962 (LACMNH, as "Tablazo"), 13 June 1962 (YPM, as "Tablazo").

EL TAMBO; Cauca 0225/7649 (USBGN)
1,700 m, on lower eastern slope of Western Andes, below Cerro Munchique [0232/7657 (USBGN)], at head of Cauca Valley, 25 km WSW of Popayán [0227/7636 (USBGN)] (MHA); site of von Sneider's finca (Lehmann, 1957:127); von Sneider, periodically at and in vicinity (as indicated by varying altitudes), 1936-41, 1944-46, 1953, 1955 (FMNH;

UMMZ; ANSP, etc.), with known specific dates, at altitude ?, 1, 3 Mar., 15 May, 4, 16 Sept., 17 Oct. 1936, 10, 16, 30-31 May, 2, 4-6, 12-13, 15-16, 20, 22 June, 4, 11, 14-15, 17, 19, 23, 25, 28, 30-31 July, 7-8, 11, 14, 16-18, 20, 22, 27, 29 Aug., 15, 17, 25 Sept., 3, 7, 9, 16, 18, 25, 28, 30 Oct., 7, 9, 11-13, 19, 25, 27-28 Nov., 1, 5, 7, 10, 12-13, 16-20, 22, 24-25, 27-31 Dec. 1937, 3-5, 7-8, 11-19, 21-22, 24-25, 31 Jan., 2-6, 10-11, 18, 22, 26 Feb., 5, 12, 16-18, 20, 22-23 Mar., 20, 29 Apr., 1, 5, 13, 17-20, 28 May, 6, 10, 18, 20, 27-28 June, 1, 3, 5, 9-10, 15-16, 20, 23, 25-30 July, 2, 5, 7-8, 12, 15, 18-19, 23, 26-28 Aug., 2-4, 6, 8, 10, 13, 15-16, 20-21, 25, 29 Sept., 1-3, 5, 7-10, 14-17, 22-23, 25, 27-29 Oct., 1-2, 5, 7, 11-13, 17, 19, 21, 24-25, 27-28, 30 Nov., 1-3, 5-8, 10-12, 15-16, 18, 20, 23, 26-31 Dec. 1938, 1, 5-6, 8, 11, 13-21, 24-26, 28-30 Jan., 2, 4-6, 8, 10-11, 13, 15, 17, 19-25, 27 Feb., 3, 5-9, 11, 14-18, 20, 25 Mar., 1, 4, 7, 20-21 Apr., 2, 4, 13-15, 20, 23-24, 26-27, 31 May, 2-4, 7, 10, 14, 18, 20, 24, 26, 29-30 June, 1-7, 10-13, 15, 17, 19, 31 July, 3-5, 9, 11-12, 15-19, 23, 25-26 Aug., 2, 4-5, 7, 9, 16-17, 20, 22, 29-30 Sept., 1-3, 5-16, 19-22, 25-31 Oct., 1-3, 5, 10-16, 18-19, 23, 25 Nov., 1-2, 4-7, 10-12, 16, 20, 23, 27-30 Dec. 1939, 1-2, 6, 9-10, 12, 14-15, 17-18, 22, 25, 27-28, 30 Jan., 2-3, 5, 8, 10, 12, 14-15, 17, 19, 21-24, 29 Feb., 2-5, 9-12, 14-16, 19-21, 23, 25-26, 28-29 Mar., 1, 4, 25, 30 Apr., 24 May, 22, 25-26 June, 13, 15 Nov., 12 Dec. 1940, 27 Jan., 6 June, 2, 27 July, 10, 28 Sept., 11 Nov. 1941, 18 Jan., 25 May, 4, 12 July, 27 Aug. 1943, 6 June, 3 Dec. 1944, 17 Aug. 1945, 3 Sept. 1946, 11 Apr., 15 May, 8 July 1953, 24 Mar. 1955 (YPM; UMMZ; MVZ; CM; ANSP), at 1,700 m, 2 Oct. 1936, 10 Feb. 1937 (Gyldenstolpe, 1941:2, 6), and 7 Aug. 1940 (FMNH), and at 2,000 m, Apr. 1938 (Lehmann, 1943c:185), and at 2,500 m, 14 Nov. 1939 and 4 July 1941, and at 2,200 m, 12 June and 2,000 m, 30 June 1936 and at 1,700 m, 1936 and 19 Aug. 1940 (Lehmann & Haffer, 1960: 249-250), and, at altitude ?, ca. 1939 and 22 July 1948, and 10 km NE, Aug. 1950 (von Sneider, 1954:11-12), and at 5,500 ft [1,700 m], 17 Feb. 1939 (Bond & de Schauensee, 1940:158), and at 1,790 m, Oct. 1941 (Lehmann, 1943c:186); von Sneider, at Guisto [Río Huisitó, 0237/7711 (USBGN) ?], 21 Feb. 1945 (ANSP); Lehmann, July 1935 (Lehmann, 1960a:261), 10 June 1936 (Lehmann, 1957:133; MVZ), Aug. 1951 (Negret, 1991:45); collector ? [von Sneider ?], 7 Nov. 1937, 29 Oct. 1939 (Iafrancesco, et al., 1987:91, 105); Carriker, at 2,000 m, various times, Dec. 1955-56, Sept. 1957, July 1958 (FMNH); Carriker, altitude ?, 11, 22 Apr., 2 May 1953, 20 Sept., 18 Oct., 28 Dec. 1954, 8 July, 23, 26 Dec. 1955, 3, 5, 7, 9, 19 Mar., 16 Apr., 1 May, 1 June, 1956, 7 Mar., 20 Apr., 26 Sept., 2, 8, 10, 14, 19, 27 Oct., 9 Nov. 1957, 26-27 July, 9 Nov. 1958, 20 Feb., Mar., 3, 5, 10 June, 3 July, 20 Sept., 28 Dec. 1959, Feb., 10 May 1960, 10 June 1961, Acevedo, 19 Jan. 1965, collector ?, 14 Apr. 1969 (WFVZ, also as "Tambo"; YPM; UMMZ; MVZ; LACMNH; LSU, as "Tambo"; CM); collector ?, date ? (Niséforo,

1940:317, as "Tambo"); collector ?, 13 Apr. 1967, 3-4 Apr. 1969, Marinkelle, 3 Aug. 1967, 4 Nov. 1968, 4 Mar., 3-4, 10 Apr., 13, 26 May, 3 Oct. 1969, 3-4, 10 Mar., 3 Apr. 1970, nearby, 3 Nov. 1968, 3 Apr., 9 Sept. 1969, and Posada, 10 Sept. 1969 (WVZ; UMMZ); see, also, Cerro Munchique (1), La Costa, and Río Munchique, as these names are often associated with El Tambo on von Sneider's specimen labels.

EL TAMBO; Chocó 0512/7643 (USBGN)
ca. 100 m, on Pacific coastal plain, 8 km NW of Istmina [0510/7639 (USBGN)] (MHA); at head of canoe navigation on Río Quito [0541/7640 (USBGN)], an affluent of upper Río Atrato [0817/7658 (USBGN)], Carriker, 29-30 Mar., 1-7 Apr. 1918 (Carriker, 1955:63; UMMZ; CM).

EL TAMBO; Santander (MHA); see El Tambor.

EL TAMBOR; Santander 0719/7316 (USBGN)
ca. 500 m, hacienda on western slope of northern Eastern Andes, 30 km NW of Bucaramanga [0708/7309 (USBGN)], on eastern side of Río Lebrija [0808/7347 (USBGN)] valley (de Schauensee, 1948a:335); MHA as "El Tambo"; Carriker, 22, 29-30 Oct., 23-30 Nov., 1-2, 4-9, 11-17, 19-26, 29-30 Dec. 1916, 1-3, 7-15 Jan. 1917, Klages, 2 Dec. 1921, von Sneider, 23 Oct. 1944 (CM; ANSP); Hacienda Santana [ca. 0727/7308], which see, was formerly part of El Tambor (Carriker, 1955:59).

EL TIGRE; Chocó 0457/7631 (USBGN)
320 ft [100 m] (Hellmayr, 1911:1088ff); 9 km E of Nóvita [0457/7634 (USBGN)], on Río Tamaná [0500/7644 (USBGN)], a tributary of Río San Juan [0403/7727 (USBGN)], originating on NW face of Cerro Tamaná [0502/7617 (USBGN)] on western slope of central Western Andes, 12 km SW of Juntas de Tamaná [0459/7624 (USBGN)] (MHA); Palmer, 4-5, 9-13 Feb. 1909 (Hellmayr, 1911:1088ff); Willis, 26 Feb.-7 Mar. 1962 (Willis, 1966c:71; 1967, Univ. California Publ. Zool., 79:119; 1988:137); not to be confused with La Tigra [not located], Valle del Cauca.

EL TIGRE; Valle del Cauca (Chapman, 1917:645); see La Tigra.

EL TIMBÍO (FMNH); see Timbío

EL TIPLE; Valle del Cauca 0321/7626 (USBGN)
ca. 1,000 m, in upper Cauca Valley, 17 km SE of Cali [0327/7631 (USBGN)] (MHA, as "Tiple"); Lehmann, in swamps, 21, 28 Oct. 1956 (Lehmann, 1957:112-113).

EL TOPACIO; Valle del Cauca Not located
Southwest of Cali [0327/7631 (USBGN)] at entrance to Parque Nacional
Natural de los Farallones [0349/7552 (WCMC)], Alvarez-López and
Heredia, date ? (Alvarez-López & Heredia, 1986); Marina Torres, 1,650-
1,800 m, 16 Oct. 1989 (Anonymous, 1990c).

EL TRIANÓN (Borrero & Hernández, 1961:440); see Hacienda El Trianón.

EL TRIANÓN, HACIENDA; see Hacienda El Trianón.

EL TRIUNFO; Cundinamarca ca. 0435/7430
ca. 1,000 m, 44 km WSW of Bogotá [0436/7405 (USBGN)], 45 km NE of
Girardot [0418/7448 (USBGN)] (MHA); collector ?, 4 Nov. 1984 (UNC).

EL TRIUNFO, HACIENDA; see Hacienda El Triunfo.

EL TROPEZÓN; Norte de Santander ca. 0742/7335 (IGAC [N. de Santander])
ca. 100 m, middle Magdalena Valley, southwestern Norte de Santander, 54
km WSW of Cáchira [0744/7303 (USBGN)], on lower Río San Alberto del
Espíritu Santo [Quebrada el Espíritu Santo, 0749/7340 (USBGN)] (IGAC
[N. de Santander]); Romero, 26 Sept. 1970 (Olivares & Romero, 1973:53).

EL TUPARRO (Hilty & Brown, 1986:127); see El Tuparro, Parque Nacional
Natural.

EL TUPARRO, PARQUE NACIONAL NATURAL; Vichada 0519/6828
(WCMC)
Extreme eastern Vichada on on Río Tuparro [0513/6750 (USBGN)] and
Río Orinoco [0837/6215 (USBGN)] (WCMC); Lemke, Apr. 1977,
INDERENA, date? (Hilty & Brown, 1986:127, 152, 574, as "El Tuparro").

EL UMBO; Boyacá Not located
3,000-4,500 ft [900-1,200 m], collector ? [Withers ?; Rosenberg purchase],
29 Apr., 12, 17, 23 May, 18 July, 25 Aug. 1934 (MCZ; MVZ, as "El
Embo"); Withers, 20 July 1934 (UMMZ); collector ? [Withers ?], 17 Apr.
(YPM), 15 May 1934 (CU).

EL VERJÓN (Nicéforo, 1923a:338); see Verjón, Páramo del.

ELVIRA, LA; see La Elvira.

EL VISO; Boyacá (Nicéforo & Olivares, 1964:5); see El Viso, Casanare.

EL VISO; Casanare ca. 0445/7245 (Atlas, 1992)
ca. 200 m, on llanos of western Casanare, on left bank of Río Guafal [0441/7246 (USBGN)], 20 km SE of Monterrey [0455/7253 (USBGN)] (Atlas, 1992); Nicéforo & Olivares (1964:5, as "El Viso, Boyacá") place this on left bank of Río Tucuya [Río Tacuyá, 0436/7240 (USBGN)], 70 km before its confluence with Río Meta [0612/6728 (USBGN)], but Atlas, 1992 shows El Viso between an unnamed river (probably the Tacuya) and the left bank of the Guafal; collector ?, 26 Feb. 1961 (Olivares, 1974a:72).

EL VOLADOR (USNM); see Volador.

EL YOPAL; Casanare 0521/7223 (USBGN)
350 m, in llanos close to eastern foothills of central Eastern Andes on left bank of Río Cravo Sur [0442/7136 (USBGN)] (MHA; more recent maps drop the "el," although "el Yopal" is the form of the USBGN); collector ?, date ? (Borrero, 1972b:399, as "Yopal, Boyacá"); Marinkelle, 20 Mar. (WVZ, as "llanos de Yopal, Boyacá"), 28 Mar. 1964 (UMMZ, as "Yopal, Boyacá").

EL ZANCUDO; Caldas ca. 0505/7530 (IGAC [Caldas])
ca. 2,400 m, 3 km E of Manizales [0505/7532 (USBGN)], on western slope of Central Andes (IGAC [Caldas]; Carriker, 25-31 Aug., 1-3, 25, 29 Sept. 1918 (Carriker, 1955:51, 53, as "Zancudo"; FMNH; Todd, 1927, Proc. Biol. Soc. Washington, 40:176, as "Sancudo"; UMMZ, as "Sancudo"; CM; ANSP, as "Sancudo"); Dugand, 1948a:178, as "Zancudo."

EL ZAPOTE (de Schauensee, 1946c:11); see Cispatá.

EL ZULIA; Norte de Santander 0756/7235 (USBGN)
ca. 100 m, on upper Río Zulia [0904/7218 (USBGN)], 11 km WNW of Cúcuta [0754/7231 (USBGN)] at eastern base of northern Eastern Andes (MHA, as "Villa Zulia"); collector ?, date ? (Nicéforo & Olivares, 1976b: 6, as "Villa Zulia").

ENCANO, EL; see El Encano.

ENCARNACIÓN (Blake, 1955:22); see La Encarnación.

ENCARNACIÓN, LA; see La Encarnación.

ENCISIO; Santander 0640/7242 (USBGN)
1,660 m, in interior of northern Eastern Andes on Río Servita [0634/7245 (USBGN)], an affluent of westward flowing middle Río Chichamocha

[0646/7312 (USBGN)], 5 km SE of Malaga [0642/7244 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1967:427).

ENCONONSO (CU); see Icononzo.

ENCONOSA (Chapman, 1917:517); see Icononzo.

ENGATIVÁ; Cundinamarca 0443/7409 (USBGN)
ca. 2,580 m, on Sabana de Bogotá, 15 km NW of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, Nov. 1920 (Nicéforo, 1923:333).

ENSENADA (Naranjo, 1993:30); see La Ensenada.

ENSENADA DE UTRÍA, PARQUE NACIONAL NATURAL; Chocó
0558/7750 (WCMC)
sea level to ca. 1,400 m, 54,330 ha park on Pacific coast, between 0550-0610/7710-7725, extending inland to Alto del Buey [0606/7713 (USBGN)] in Serranía de Baudó [0600/7705 (USBGN)], Porteous and Acevedo, 11, 15 Mar. 1996 (Porteous & Acevedo, 1997).

ENSENADA, LA; see La Ensenada.

ENTRADA, CAÑO (Philipson, et al., 1951); see Guapayita, Río.

ENTRADA, RÍO (Philipson, et al., 1951); see Guapayita, Río.

ENTRADA CAMP; Meta ca. 0308/7352 (Philipson, et al., 1951:189, map)
450-600 m, camp on eastern slope at northern end of Serranía de la Macarena [0245/7355 (USBGN)], by Caño or Río Entrada [name coined by Philipson, et al. (1951) but believed by Dugand (1951b:158) to be Río Guapayita, ca. 0300/7345], an affluent of Río Guapayá [not located]; Doncaster, Dec. 1949-Jan. 1950, in forest by camp and on slopes S and SE at 1,800-1,350 m (Philipson, et al., 1951:189, map), 194; de Schauensee, 1952a:1130; Blake, 1962:76); as noted by de Schauensee (1952a:1130), the longitude of the map accompanying Philipson, et al., 1951 is labeled one degree too far E [the longitude given above has been corrected].

ENVIGADO; Antioquia 0610/7535 (USBGN)
1,607 m, 10 km S of Medellín [0615/7535 (USBGN)] near headwaters of Río Porce [0728/7453 (USBGN)] deep in interior of Central Andes but on eastern drainage (MHA); Atlas, 1977 shows river in vicinity of Medellín to be Río Medellín [not given in USBGN; see comments regarding the river's name under Porce, Río] and Envigado now to be a suburb of Medellín;

Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); Nicéforo, 7 Dec. 1913, collector ?, 1914; collector ?, 5 July 1962, 3 Apr. 1967, Serna, 10 Apr. 1962, 8 Jan., 6 June, 15 Oct. 1965, 3-4 May 1966, 15 Feb., 9 Apr., 10, 20 May, 2, 8 June, 18 Aug., 7 Sept., 10 Oct., 12, 15, 19 Nov. 1967, 18 Feb., 19 Mar., 3, 13 Apr., 26 May, 3, 6, 12, 15 June, 20, 25 Aug., 5, 13 Oct., 9, 25 Nov. 1968, 3, 7 May 1969, 28 Apr. 1971, 20 Aug. 1974, Serna and Isaza, 3 Nov. 1969, Serna and Jiménez, 3 May 1969, Jiménez, 30 Aug. 1969, Londoño, 16 Apr. 1967, Serna and Londoño, 3 Apr. 1967, 16 May 1968, Serna and Marín, 5 Dec. 1967, Serna and Piedrahita, 3 June 1979, Serna and Santamaría, 5 Oct. 1967, Serna and Pérez, 20 May 1970, Isaza, 8 Feb. 1968, 8 Feb. 1969, Serna, at Las Palmas [not located], 18 Mar. 1968, Serna and Jiménez, at Las Palmas, 18 Mar. 1968, collector ?, at Las Palmas, 27 Mar. 1970 (Serna, 1980:6, 10, 12, 16, 20, 24-25, 27, 29, 31, 33-34, 38, 49, 60-62, 65, 68, 70, 74, 77, 79-80, 83, 85, 87, 91-92, 96, 99-100, 102, 105-106; 1992a:14); Olarte, 29 Oct. 1993, Betancur, 28 Oct. 1995 (SAO).

EROCA (de Schauensee, 1952a:1130); see Hiroca.

ESCALERAS; Valle del Cauca Not located
On Río Dagua [0352/7704 (USBGN)], on western slope of southern Western Andes, collector ?, date ? (Nicéforo & Olivares, 1967:427).

ESCALERETE, RÍO; Valle del Cauca ca. 0335/7700
A tributary of Río San Cipriano [0351/7652 (USBGN)], in municipio Buenaventura [0335/7700 (USBGN)] (Dicc. Geog.); collector ?, date ? (Cantillo, 1983:72).

ESCRITORIO; Nariño Not located
Mena, 3, 9-10, 12 Aug. 1950 (ANSP); presumably Quebrada Escriptorio [0544/7731 (USBGN)] was intended, as this is close to Puerres [0053/7730 (USBGN)], where the collector was on the same dates.

ESMERALDA, LA; see La Esmeralda.

ESMERALDA, MONTAÑA DE; Cundinamarca ca. 0505/7410
ca. 2,500 m, slope below Páramo de la Piñuela [Cordillera de Piñuela, 0507/7413 (USBGN) ?], 4-5 km S of Pacho [0507/7410 (USBGN)], on western slope of central Eastern Andes (de Schauensee, 1948a:299); González, date ? (Chapman, 1917:649).

ESMERALDAS; Antioquia Not located
75 m, in municipio of Caucasia [0755/7500 (USBGN)] in extreme northern

Antioquia, Cadavid, between here and La Ilusión [0801/7505 (USBGN)] on banks of Río Cauca [0854/7428 (USBGN)], 4 Oct. 1991 (Anonymous, 1991b:32).

ESPERANZA, HACIENDA LA (Wetmore, 1970:774); see La Esperanza.

ESPERANZA, LA; see La Esperanza.

ESPINAL; Tolima 0407/7453 (USBGN)
ca. 200 m, on western bank of upper Río Magdalena [1106/7451 (USBGN)], 18 km S of Girardot [0418/7454 (USBGN)] and 12 km SE of Chicoral [0413/7459 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:315; Borrero, 1972b:401); Nicéforo, 5 Feb. 1918, June-July 1922, July 1923 (MCZ; Serna, 1980:79); Nicéforo, May 1937 (Nicéforo, 1947:356), July 1943 (Friedmann, 1947:476), Nov. 1944 (Nicéforo, 1947:352); collector ?, fall year ? (Nicéforo & Olivares, 1964:21); collector ?, July, Aug. 1943, July, Aug. 1944, Aug. 1948, Aug. 1954, Esteban, 30 July 1947, July, 3 Aug. 1955 (Iafrancesco, et al., 1985:51; 1987:77, 109, 122; 1989:150, as "El Espinal"); Isaza, 7 Apr., 5, 9, 12, 23 May, 8, 10 July, 10 Aug. 1967, 7, 15 Apr., 3, 7 May, 6, 18 Aug. 1968, 1 Mar., 7, 18 Apr., 10, 15, 17 May, 7, 13 June 1969, 24 Feb., 4, 6 Apr., 7 Aug., 18-19, 25 Sept., 2, 5, 15 Oct., 5 Nov. 1971, Serna, 21 May, 5 Nov. 1971; collector ?, 7 Aug. 1966, 5 May, 7 June, 8 Aug., 6 Sept. 1968 (Serna, 1980:9, 15, 16, 24, 27, 32, 39, 46, 54, 56, 61-62, 64-65, 67-69, 76, 78, 81, 99-100, 102-104); Nicéforo & Olivares, 1967: 428, as "El Espinal."

ESPINAL; Valle del Cauca 0345/7639 (USBGN)
1,800-1,200 m (de Schauensee, 1948a:229); 550 m (Simon & Dalmas, 1901:216, as "Espinal de Dagua"); on upper Río Dagua [0352/7704 (USBGN)] on western slope of Western Andes, 50 km ESE of Buenaventura [0353/7704 (USBGN)] and 13 km N of Dagua [0340/7641 (USBGN)] (MHA, as "Aspinal"); André, sometime between Mar.-May 1899 (Simon & Dalmas, 1901:216); Carriker, 6 June 1918 (CM); von Sneider, 27 June 1945 (FMNH; ANSP).

ESPINAL, LAGUNA DE EL; see El Espinal, Laguna de.

ESPINAL DE DAGUA (Simon & Dalmas, 1901:216); see Espinal, Valle de Cauca.

ESPÍRITU SANTO (MHA); see Agustín Codazzi.

ESTACIÓN CONIF; see Conif, Estación.

ESTACIÓN DE BOMBEO DE GUAMUÉS; see Guamués, Estación Bombeo de.

ESTACIÓN RÍO LEBRIJA; see Río Lebrija, Estación.

ESTACIÓN SALDAÑA (Dugand, 1948a:179); see Saldaña.

ESTERLINA, LA; see La Estertina.

ESTE SUDESTE, CAYOS DEL; San Andrés y Providencia 1226/8127
(USBGN)
Small cays ca. 20 mi [32 km] SE of Isla de San Andrés [1232/8142
(USBGN)], low brush, a few palms, Vanderbilt, 30 [?] Mar. 1941 (Bond &
de Schauensee, 1944:11, as "Courtown Keys").

ESTRECHO, EL; see El Estrecho.

ESTRELLA, LA; see La Estrella.

ESTRELLA, PUERTO; see Puerto Estrella.

FACATATIVÁ; Cundinamarca 0449/7422 (USBGN)
2,614 m, in western Sabana de Bogotá, 35 km NW of Bogotá [0436/7405
(USBGN)] (MHA); Bourcier, date ? (Sclater, 1857:16); collector ?, Nov.
1915 and collector ? [Nicéforo ?], 5 Sept. 1937 (Nicéforo, 1923:338;
1947:355); collector ?, date ? (Borrero, 1972b:401); collector ?, May 1964
(WVZ); Marinkelle, nearby, 1 Aug. 1966 (UMMZ).

FALOTE, LAGUNA DE (Nicéforo, 1947:329); see Apiay.

FALOTES, LAGUNA DE (Nicéforo, 1947:329); see Apiay.

FALSO, CABO; La Guajira 1222/7119 (USBGN)
Sea level, point at northeastern end of Península de la Guajira [1200/7130 (USBGN)] (MHA); collector ?, date ? (Marinkelle, 1970:16).

FARALLONES DE CALI; see Cali, Farallones de.

FÁTIMA; Boyacá ca. 0648/7210 (FMNH)
2,300 ft [700 m], in eastern foothills of northern Eastern Andes, probably on Río Cobaría [0703/7204 (USBGN)] and near La Ceiba [ca. 0700/7210 (FMNH)], von Sneider, Apr. 1959 (FMNH; Blake, 1961:26ff).

FELIDIA; see La Nieves.

FILANDIA; Quindío 0440/7538 (USBGN)
1,885 m, on western slope of Central Andes, 16 km NNE of Armenia [0431/7541 (USBGN)] and 16 km SE of Pereira [0449/7543 (USBGN)] (MHA); Fuertes, 17 May 1911 (CU, as "Finlandia").

FINCA AGUACALIENTE; Cundinamarca ca. 0455/7406
2,700 m, on Río Frío [0450/7405 (USBGN)] in Tabio [0455/7406 (USBGN)], de la Zerda, et al., 14 Oct. 1989 (Anonymous, 1990c).

FINCA BELLAVISTA; Antioquia Not located
In municipio of Caldas [0605/7538 (USBGN)], central southern Antioquia, Nicéforo, 10 Jan. 1968 (Iafrancesco, et al., 1986:45); doubtless bears a relationship with Bellavista [not located], Antioquia (2).

FINCA CAÑO RICO; Boyacá Not located
On eastern side of Eastern Andes, on Caño Chapieton [Chapetón ?; not located] and Caño Yaragua [not located], Stirton, 6, 15-16, 19-20, 22-23, 25-26 June 1946 (Miller, 1952a:452; MVZ).

FINCA DON ANGEL CATALINA; Meta ca. 0225/7327 (Lemke & Gertler, 1979:453, map)
ca. 200 m (Atlas, 1977); on left bank of middle Río Guayabero [0236/7247 (USBGN)], ca. 25 km E of southeastern end of Serranía de la Macarena [0245/7355 (USBGN)], Lemke and Gertler, in region at various times between Aug. 1975-Jan. 1977, with known dates of 20, 23 Oct. 1976 (Lemke & Gertler, 1979:453-455, as "Finca of Don Angel Catalina"); not on our maps.

- FINCA DON HUNSAKER III; Meta ca. 0320/7355 (Lemke & Gertler, 1979:453, map)
ca. 200 m (Atlas, 1977); at northern end of Serranía de la Macarena [0245/7355 (USBGN)], ca. 10 km SW of San Juan de Arama [0326/7350 (USBGN)], Lemke and Gertler, in region at various times between Aug. 1975-Jan. 1977, with known date of 23 Sept. 1976 (Lemke & Gertler, 1979:453-455, as "Finca of Don Hunsaker III"); not on our maps.
- FINCA EL LLANITO; Antioquia ca. 0609/7522
2,100 m, in municipio of Rionegro [0609/7522 (USBGN)], Olarte, et al., 14 Oct. 1989 (Anonymous, 1990c); Olarte and Mesa, 20 Oct. 1990 (Anonymous, 1990b:20); Mesa, et al., 13 Oct. 1991 (Anonymous, 1991b:32).
- FINCA EL REFUGIO; Meta Not located
Arvey, 27 Mar. 1960 (LACMNH).
- FINCA LA ARGENTINA; Santander ca. 0605/7312
1,870 m, near Charalá [0617/7310 (USBGN)] and Virolín [0605/7312 (USBGN)], southeastern Santander, Romero, et al., 28 Nov. 1979 (Romero, 1983:778, 785).
- FINCA LA LANOSA; Santander ca. 0605/7312
1,950 m, near Charalá [0617/7310 (USBGN)] and Virolín [0605/7312 (USBGN)], southeastern Santander, Romero, et al., 1 Dec. 1979 (Romero, 1983:778, 785).
- FINCA LAS GARZAS; Tolima Not located
Collector ?, on trail from Buenos Aires [0459/7444 (USBGN)] to Finca Las Garzas, at 500 m, date ? (Borrero, 1972b:401).
- FINCA LAS MENDOZAS; Antioquia ca. 0828/7618
In northernmost Antioquia, a few km N of San Pedro [0827/7618 (Willis, 1966:188)], Willis, 15 Mar. 1965 (Willis, 1988:139).
- FINCA LOS AMARILLOS; Cundinamarca Not located
2,700 m, near Alto del Vino [El Vino ?], Guberek, et al., 15 Oct. 1989 (Anon., 1990c:2); possibly this locality is near El Vino [coordinates ?], which is described (Dicc. Geog.) as being 25 km by road SE of La Vega [0500/7421 (USBGN)] in central western Cundinamarca on the western slope of the Eastern Andes.

FINCA MAYA; Cundinamarca ca. 0510/7441
1,200 m, 1 km S of La Esperanza [0510/7441 (USBGN)], Stiles and
Rosselli, 16 Oct. 1989 (Anonymous, 1990c).

FINCA MERENBERG; Huila 0214/7608 (Ridgely & Gaulin, 1980:379)
ca. 2,300 m, 270 ha reserve on eastern slope of Central Andes, in
Moscopán [ca. 0220/7605] region, 50 km W of La Plata [0223/7553
(USBGN)], Ridgely and Gaulin, 20 Dec. 1975-1 Aug. 1976 (Ridgely &
Gaulin, 1980); Martin, 8 Feb.-3 Mar. 1981 (Martin, 1984); various
observers, 9-12 Oct. 1981 (Buttkus, 1981); Murcia and Kattan, Nov. 1982-
June 1983 (Murcia & Kattan, 1984; 1985; Kattan, 1988:101); Brown, 25
Nov. year ? (Hilty & Brown, 1986:283).

FINCA RANCHO GRANDE; Cundinamarca 0436/7420 (Munves, 1975:307)
1,700 m, 15 km W of Bogotá [0436/7405 (USBGN)] in valley of Río
Bogotá [0418/7448 (USBGN)], on western slope of Eastern Andes, finca
spans tropical/subtropical zones, mostly cleared for pasture, some coffee
grown under trees, scattered fruit trees, Munves, 22 Apr. 1972-21 Jan.
1973 (Munves, 1975:307-308).

FINCA RIPLEY; Antioquia Not located
Naranjo, et al., Feb. 1992 (Naranjo, 1993:30).

FINCA SANTA BÁRBARA; Cauca ca. 0232/7655
2,800 m, 10 km E of Cerro Munchique [0232/7657 (USBGN)], Marinkelle,
3, 5 Nov. 1968 (LACMNH); there is also a record for Marinkelle on the
other side of the country at Villavicencio [0409/7337 (USBGN)], Meta, also
on 5 Nov. 1968.

FINCA SANTA ROSA (WFVZ); see Santa Rosa; Cauca.

FINCA VILLAMIZAR; Norte de Santander Not located
2,400 m, Carriker, 9, 12, 14 Apr., 12 July 1964 (MVZ, sometimes as
"Hacienda Villamizar").

FINLANDIA (CU); see Filandia.

FLOR AMARILLA, LAGO; Meta ca. 0400/7300
Alt. ?; a small, shallow lake 7 km E of Lago Mateyuca [ca. 0400/7395] and
S of Puerto López [0405/7258 (USBGN)], Coesel, et al., Mar. 1985
(Coesel, et al., 1988:199); not shown on our maps.

FLORENCIA; Caquetá

0136/7536 (USBGN)

450 m (de Schauensee, 1948a:299); at eastern base of southern Eastern Andes at junction of Río Hacha [0136/7536 (USBGN)] with Río Ortegaaza [0043/7516 (USBGN)] (MHA); heavy forest with man-made clearings [1912], L. E. Miller, 20 June-5 July 1912 (Chapman, 1917:48, 646); von Sneider, 4 Jan. 1941 (Dugand, 1941a:56; ANSP); collector ?, date ? (Nicéforo, 1947:331; Dugand, 1948a:177); A. H. Miller, 6 km E, 20 Feb., 10 km SE, at 1,200 ft [350 m], 20 Feb., 32-38 km SE, at 295 m, 20 Feb., 47 km NW, at 4,200 ft [1,300 m], 21 Feb. 1949 (Miller, 1960:236; MVZ); Nicéforo, 5 Jan. 1950, 20-21, 28, 31 Jan., 3, 17, 22, 25 Feb., 4-5, 10 Mar., 11 Apr., 15 May, 27 July, 15, 27 Sept. 1951, 19 Dec. 1953, 19 May, 6 Sept. 1954, 29 Aug., 19 Sept. 1956, Nicéforo and Mario, 21, 30 Jan. 1950, Perdomo, 20 Jan. 1968, Nicéforo, W of Florencia, 23, 27 Feb. 1954 (Serna, 1980:14, 16, 19, 32, 39, 41, 47, 63, 72, 95; Iafrancesco, et al., 1985:47, 48, 57; 1986:45; 1987:103, 116, 117, 124, 137; 1988:115, 131; 1989:139); Lehmann, 11 Aug. 1958 (MVZ); Willis, 22-23 Apr. 1962 (Willis, 1988:138); collector ? [Marinkelle ?], 7-8, 12-13 Aug., 7 Sept. 1967, 7 Feb. 1968, 24 Jan. 1969 (WVZ); Marinkelle, 26 Jan. 1969 (UMMZ); Wallace, 28 km N, 26 June 1956 (UMMZ); Hilty and Robbins, above Florencia, June 1975, Hilty, et al., above Florencia, at 1,200-1,400 m, 1978, 1981, Hilty, above Florencia, at 1,800 m, 9 Sept. 1978, at 1,500-1,699 m, 7 Sept. 1978, 9 June 1981, at 600 m, 12 June 1981, and at 800 m, June 1981 (Hilty & Brown, 1986:103, 363, 366, 397, 457, 532); Pearman, at Km 53 on Guadalupe [0201/7545 (USBGN)]/Florencia road, near Huila/Caquetá border, 4 Apr. 1987 and Willis and McCann, same locality, 26 Aug. 1989 (Pearman, 1993:69).

FLORES, LAS; see Las Flores.

FLORESTA, QUEBRADA LA; La Floresta, Quebrada.

FLORIDA; Valle del Cauca

0321/7615 (USBGN)

ca. 1,000 m, on eastern side of upper Cauca Valley, 33 km ESE of Cali [0327/7631 (USBGN)] and 22 km SSE of Palmira [0332/7616 (USBGN)] (MHA, as "La Florida"); Olivares, July 1949 (FMNH); collector ?, date ? (Borrero, 1972b:400).

FLORIDA, LA; see La Florida.

FLORIDA, LAGUNA DE LA; see La Florida, Laguna de.

FLORIDABLANCA; Santander

0704/7306 (USBGN)

895 m, on western slope of northern Eastern Andes, 8 km SE of

Bucaramanga [0708/7309 (USBGN)] (MHA); mean temperature 23° C, Romero, date ? (Olivares & Romero, 1973:44).

FÓMEQUE; Cundinamarca 0429/7354 (USBGN)
1,933 m, on eastern slope of central Eastern Andes, 27 km SE of Bogotá [0436/7405 (USBGN)], on left bank of Río Blanco [0430/7354 (USBGN)], across valley from Choachí [0432/7356 (USBGN)] (MHA); Fuertes, at 5,300 ft [1,600 m], Jan., Feb. 1913 (CU); collector ?, 25 Apr. 1915 (Apolinar, 1916:31); collector ?, 1919 (Nicéforo, 1945:383); Nicéforo ?, Oct. 1921, Nov. 1922 (MCZ); collector ?, 3 Sept. 1964 (WVZ); collector ?, 1928 (Iafrancesco, et al., 1988:121); collector ?, date ?, at 2,000 m (Dugand, 1948a:178); source of many "Bogotá" specimens (Chapman, 1917:646).

FONCE, Río; Santander 0631/7317 (USBGN)
Tributary of Río Suárez [0646/7312 (USBGN)], an affluent of Río Sogomoso [0713/7356 (USBGN)], on western slope of northern Eastern Andes (MHA); Nicéforo, on left bank opposite San Gil [0633/7308 (USBGN)], June 1939 (Nicéforo, 1945:378).

FONSECA; La Guajira 1054/7251 (USBGN)
192 m, between eastern base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and western base of northern Serranía Perijá [1000/7300 (USBGN)], near head of Río Rancheria [1134/7254 (USBGN)] (MHA); Carriker, 30-31 July 1920 (Todd & Carriker, 1922:114); Serna, 1980 and/or 1981, Hernández, date ? (Serna, 1984:24).

FONTÉ, CERRO; Cundinamarca 0432/7351 (Snow, 1980:508)
Alt. ?; in central eastern Cundinamarca, in municipio Choachí [0435/7355 (USBGN)], D. W. Snow and B. K. Snow on partly wooded, partly cleared slope at 2,400-2,550 m, 3-25 July 1978 (Snow, 1980; Snow & Snow, 1980); not indicated on our maps.

FONTIBÓN; Cundinamarca 0440/7409 (USBGN)
2,576 m, on Sabana de Bogotá, 10 km NW of Bogotá [0436/7405 (USBGN)] (MHA); Abello, 20 Dec. 1915 (Apolinar, 1916:32); collector ?, Oct. 1917 (Nicéforo, 1923a:329); Nicéforo and Filiberto, 27 May 1950 (Serna, 1980:44); Nicéforo, 2 Aug. 1950 (Iafrancesco, et al., 1987:137); Bernal, 2, 31 Jan., 2, 24 Feb. 1960 (LACMNH).

FONTIBÓN; Norte de Santander (Nicéforo & Olivares, 1968:275); see Fontibón, Páramo.

FONTIBÓN, PÁRAMO; Norte de Santander 0721/7239 (USBGN)
ca. 3,000 m, on ridge between Pamplona [0723/7239 (USBGN)] and Cácuta [0716/7239 (USBGN)] on eastern side of northern Eastern Andes (MHA); Nicéforo and Filiberto, at 2,700-2,800 m, 26 May-15 July 1949 (Nicéforo, 1955a:175); Nicéforo, 3, 24 July, 22, 28 Aug. 1948, 26 Apr., 30 May, 7 June, 17, 20 Oct. 1949, 20 Nov. 1950 (Iafrancesco, et al., 1986:56-57, 62, as "Pamplona-Fontibón"; 1988:117, 118, as "Fontibón"); Nicéforo and Filiberto, 17 Sept. 1949, Nicéforo and de la Salle, 2 Oct. 1949 (Serna, 1980:54, 93, as "Fontibón-Pamplona"); Nicéforo & Olivares, 1968:275, as "Fontibón"; de Schauensee, 1952a:1130, as "Páramo de Fontibón."

FONTIBÓN, PÁRAMO DE (de Schauensee, 1952a:1130); see Fontibón, Páramo.

FORMOSA, HACIENDA; see Hacienda Formosa.

FRAGUACHORROSO, RÍO; Caquetá 0114/7543 (USBGN)
A headwater of Río Pescado [0113/7531 (USBGN)] in extreme southwestern Caquetá (Atlas, 1977); Nicéforo, 5, 13 Jan. 1954 (Iafrancesco, et al., 1985:44, as "Río Pescado, Río Fragua, Chorroso"; 1989:142, as "Río Pescado, Río Fragua Chorroso").

FRAILEJONAL; Tolima ? Not located
"Just east of [La] Leonera [0505/7520 (de Schauensee, 1948a:306)]" (Todd, 1942, Ann. Carnegie Mus., 29:365, 366); "just east of Leonera" would place this close to Letras [0504/7519 (USBGN)], Tolima, but Todd (1926, Ann. Carnegie Mus., 17:36) said Frailejonal is practically equivalent to Páramo [de] Santa Isabel [ca. 0447/7526], which is much farther S and W; the former is probably correct; it must be close to crest of Central Andes, possibly on eastern slope; Carriker, 24 Sept. 1918 (Todd, 1942:365; CM).

FRASQUILLO; Córdoba 0758/7615 (USBGN)
ca. 100 m, on right bank of upper Río Sinú [0924/7549 (USBGN)], 25 km W of Cerro Murrucucú [0759/7600 (USBGN)], southeastern Córdoba (MHA); being cleared along water courses but nearby hills and mountains still [1963] forested, Haffer, 7-19 June 1963 (Haffer, 1975:74).

FREDONIA; Antioquia 0555/7541 (USBGN)
1,859 m, on western slope of Central Andes, southwestern Antioquia, 38 km SW of Medellín [0615/7535 (USBGN)] (MHA); Serna, 20 May 1968, 10 Oct., 27 Dec. 1974, Serna and Cock, 2, 20 May 1968, 5 Dec. 1970, Serna and Jiménez, 20 May 1968, 30 [?] Feb. 1969, Jiménez, 5 Mar. 1969, Cock, 7 Apr. 1969, Serna and Pérez, at Palomos [not located], 10 Oct.

1970, 10 Oct 1970, Pérez and Londoño, at Palomos, 10 Oct. 1970, Serna, at Palomos, 10 Oct. 1971, and at Marsella [not located], 5, 8 Apr. 1973, collector ?, at Palomos, 17 Aug. 1974, collector ? [Serna ?], at Marsella, 8 Apr. 1973 (Serna, 1980:22, 24, 29, 31, 42-44, 51, 67, 74, 83-84, 96, 98, 106); Piedrahita, at "Jonás trail" [not located], 1,200-1,400 m, dates ? (Piedrahita, 1991); Piedrahita, 1992 ? (Peña, 1992).

FRIJOLERA, LA; see La Frijolera.

FRÍO, RÍO; Antioquia 0543/7540 (USBGN)
Small tributary of middle Río Cauca [0854/7428 (USBGN)], rises NW of Támesis [0540/7543 (USBGN)], enters the Cauca 12 km NE of Támesis (MHA); collector ?, near Támesis, date ? (Nicéforo & Olivares, 1965:53).

FRÍO, RÍO; Cundinamarca 0450/7405 (USBGN)
Rises in the Eastern Andes and flows S to empty into left bank of Río Bogotá [0418/7448 (USBGN)], 15 km NW of Bogotá [0436/7405 (USBGN)] (Atlas, 1977); in municipio of Cajicá [0455/7402 (USBGN)], Gutiérrez, ca. 16 Oct 1988 (Anonymous, 1989).

FRÍO, RÍO; Magdalena 1054/7417 (USBGN)
Rises on northwestern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and discharges into Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] (MHA); Carriker, 1926 (FMNH) and Darlington, June 1928-Apr. 1929 (Darlington, 1931:349ff), at town of Río Frío [1055/7410 (USBGN)] at base of Sierra Nevada de Santa Marta.

FRÍO, RÍO; Valle del Cauca (Chapman, 1917:653); see Río Frío.

FRONTINA, PARAMO (Emerson & Price, 1980:813); see Frontino, Páramo.

FRONTINO; Antioquia 0640/7608 (USBGN)
1,330 m, deep in interior of northern end of Western Andes on Río Frontino [0647/7609 (USBGN)] which joins with Río Cañasgordas [0651/7608 (USBGN)] and many tributaries to become Río Sucio [0727/7707 (USBGN)], draining much of western slope in that region (MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); collector ?, 17 Jan. 1901 (ANSP); Carriker, 25 May 1950 (Carriker, 1955, Bol. Entom. Venezolana, 11(3-4):124); see, also, Hacienda Potreros.

FRONTINO, PÁRAMO; Antioquia 0628/7604 (USBGN)
4,080 m, highest point in northern Western Andes, 35 km SW of Antioquia [0633/7550 (USBGN)] and 35 km S of Frontino [0646/7608 (USBGN)];

Carriker, from ca. 10,000-12,500 ft [3,050-3,800 m], 15-18, 20-25, 27-29 Aug. 1951 (USNM, as "Páramo de Frontino"; Emerson & Price, 1980, Journ. Kansas Entom. Soc., 53:813, as "Páramo Frontina"); Hershkovitz, above [= W of] Caicedo [0625/7600 (USBGN)], at 3,100-3,500 m, Mar.-Apr. 1941 (FMNH); Echeverri, at 3,100 m, 27 Oct. 1981 (Echeverri, 1986:56); see, also, Hacienda la Ilusión.

FRONTINO, PÁRAMO DE (USNM); see Frontino, Páramo.

FUGAZUGAZA (de Schauensee, 1952a:1131); see Fusagasugá.

FUNDACIÓN; Magdalena 1031/7411 (USBGN)
62 m, in lowlands immediately W of western foothills of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], on middle Río Fundación [1042/7426 (USBGN)], 80 km S of Santa Marta [1115/7413 (USBGN)] (MHA); tropical zone, much cultivation but some forest left [1915], Carriker, 7-18 Aug. 1913, 7 Oct. 1914, 6-9, 11-16, 18-20 Oct. 1915 (Todd & Carriker, 1922:114-115; Carriker, 1959b:218; CM; ANSP); Ridgely, 8 Feb. 1977 (Hilty & Brown, 1986:523); collector ?, between Palmar de Varela [1045/7445 (USBGN)], Ciénaga [1101/7415 (USBGN)], and Fundación, date ? (Borrero, 1970b:702); collector ?, between Aracataca [1036/7412 (USBGN)] and Fundación, date ?, and between Ciénaga and Fundación, date ? (Borrero, 1972b:398).

FUNZA; Cundinamarca 0443/7413 (USBGN)
ca. 2,600 m, 7 km ESE of Madrid [0444/7416 (USBGN)] and 20 km NW of Bogotá [0436/7405 (USBGN)] on Sabana de Bogotá (MHA); collector ?, date ? (Borrero, 1952a:9); Nicéforo, 30 Mar. 1947 (ANSP); Borrero and Bernal, Jan. 1960 (FMNH); Borrero, 26 Jan., Bernal, 3 Apr. 1960 (LACMNH); collector ?, 3 Nov. 1974 (UNC).

FÚQUENE, LAGUNA DE; Cundinamarca 0528/7345 (USBGN)
2,580 m, large lake on western side of Eastern Andes on Boyacá/Cundinamarca border, 40 km W of Tunja [0531/7322 (USBGN)] and 105 km NNE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, 5 Sept. 1916 (Apolinar, 1916:144); Nicéforo, Oct. 1918 (Friedmann, 1947:474), 1929 (Nicéforo, 1947:318); Nicéforo ?, Jan. 1943 (Nicéforo, 1948:202); Nicéforo, Dec. 1938, Lehmann, 3 Feb. 1939 (Nicéforo, 1945:369) and June 1943 (Borrero, 1945a:408); Ferro, 23 Oct. 1943, July 1944 (Borrero, 1944:230; 1946:171); Borrero, 3 Jan. 1943, 22 Oct. 1945, 5 Mar. 1946 (Borrero, 1946:171); collector ?, 24 Jan. 1949 (Borrero, 1958:141); Borrero and Lumsden, sometime between Jan.-Mar. 1950 (Borrero, 1952b:1, 4); von Sneidern, 16, 21, 23, 29 Feb. 1950 (Blake,

1959:5, 19; CM); collector ?, 1958 (Borrero & Hernández, 1961:430); Gast, 19-16 Apr. 1979 (Hilty & Brown, 1986:218, 580); Fjeldså, 30 Sept.-2 Oct. 1981 (Fjeldså, 1993:226).

FUSAGASUGÁ; Cundinamarca

0421/7422 (USBGN)

1,746 m, on western slope of Eastern Andes, 40 km SW of Bogotá [0436/7405 (USBGN)] and 50 km ENE of Girardot [0418/7448 (USBGN)] on Río Chocho or Panche [0416/7433 (USBGN)] (MHA); frequently misspelled "Fusugasugá" (e.g. Chapman, 1914:183); upper border tropical zone, coffee growing area (Chapman, 1917:51, 646); Reiffer, date ? (Sclater, 1857:16); Chapman, et al., from 5,464 ft [1,650 m] to 6,000 ft [1,850 m], 22-24 Mar. 1913 (Chapman, 1917:51, 646); Fuertes, 20, 23, 27, 29-30 Jan., 4, 21, 27 Feb., 13, 22-31 Mar., 1, 3-4, 7 Apr. 1913, 29 June 1918, Coale, 18 Aug. year ? (CU, as "Fusugasuga"); González, Mar. 1914 (FMNH); Nicéforo, Mar. 1921 (Friedmann, 1947:473), 4 Jan. 1923 (Serna, 1980:30), 1939 (Serna, 1980:32), 20 Dec. 1938, 28 Nov. 1942 (ANSP), and Mar. 1943 (Nicéforo, 1947:371); collector ?, Feb., 1924, Mar. 1932, 1940 (Iafrancesco, et al., 1986:63; 1987:125; 1988:138); collector ?, 20 Jan. 1944 (Borrero & Cruz, 1983:55); Bedout, 19 Nov. 1944, 2 July 1945, Cortés, 2 June, 6 Dec. 1945, Bernal 14 Nov. 1960 (ANSP); collector ?, 1 Nov. 1960 (Serna, 1980:99); Newbill, June 1961 (FMNH); Carriker, 22 Dec. 1962 (YPM); Cortés, at "Fusugasugá (Santa Rita)," Dec. 1945 (FMNH); Bedout, date ? (Dugand, 1945a:338) and July, year ? (Dugand, 1945b:400); Borrero, at 2,500 m, S of Tequendama [Salto de Tequendama, 0435/7418 (USBGN)] and in Fusagasugá valley, ca. 1947 (Borrero, 1947:498); collector ?, on Río Chocho [Panche], at Fusagasugá, date ? (Olivares, 1969b:121); A. H. Miller, at 6,000 ft [1,825 m], 24 Jan. 1949 and above town, at 8,300 ft [2,550 m], 24 Jan. 1949 (MVZ); Arvey, 10 km SW, 28 Feb. 1960 (LACMNH); Olivares, 8 km below town, July 1964 (Nicéforo & Olivares, 1966:385); Marinkelle, 1963, 19 Aug. 1964, 3 June, 11 Oct. 1965, 8 Aug., 11 Sept., 13 Oct. 1966, collector ?, 1 Oct. 1964, 6 June, Aug., 12 Nov. 1965, 12 Aug. 1966 (WFVZ, see comment under Tolúviejo; UMMZ); de Schauensee, 1952a:1131 gives "Fugazugaza" as an erroneous variant spelling.

FUSUGASUGÁ (Chapman, 1914:183); see Fusagasugá.

GABRIEL LÓPEZ; Cauca 0229/7618 (USBGN)
ca. 3,500 m, near crest on western slope of southern Central Andes, 11 km E of Totoró [0230/7624 (USBGN)], on road across Andes (Atlas, 1977); Carriker, at 9,300 ft [2,850 m], 24-25 Feb. 1955 (USNM; Graves & Giraldo, 1987:89), at 2,150 m, 17 Jan., 17 Feb. 1953, 22-25 Feb. 1955, (YPM); von Sneidern, 29 May, 9, 22 Oct. 1956 (YPM; CM); Acevedo, at 2,150 m, 30 Jan., 14 Feb. 1965 (YPM); Carriker was at nearby Malvasá [ca. 0229/7618] on 17 Jan. 1957 (Blake, 1959:4).

GACAGUALITO (FMNH); see Cacagualito.

GACENO (MHA); see San Luis de Gaceno.

GACHANCIPÁ; Cundinamarca 0500/7353 (USBGN)
2,600 m, on Sabana de Bogotá, 50 km NNE of Bogotá [0436/7405 (USBGN)] and 15 km ESE of Zipaquirá [0502/7400 (USBGN)] (MHA); A. H. Miller, 4 Jan. 1945 (MVZ); Borrero, date ? and 10 Sept. 1959 (Borrero, 1945a:409; MCZ); Borrero and Bernal, 11 Sept. 1959 (FMNH; LACMNH); Borrero and Cortés, 11 Sept. 1959 (ANSP); collector ?, 15 Aug., year ? (Dugand, 1948a:174); Gómez, nearby, date ? (Borrero, 1947:497); Borrero, nearby, 29 Nov. 1951 (Borrero, 1952a:11).

GACHETÁ; Cundinamarca 0449/7336 (USBGN)
1,796 m, on eastern slope of central Eastern Andes, 58 km NE of Bogotá [0436/7405 (USBGN)] (MHA); Wheeler, date ? (de Schauensee, 1952a:1131); collector ?, 20 June 1961 (Olivares, 1974a:70).

GAIRA; Magdalena 1112/7413 (USBGN)
Sea level, on coastal plain 6 km S of Santa Marta [1115/7413 (USBGN)] (MHA); very arid, cactus and thorny scrub, Carriker, 11 Apr., 21 May, 11, 13 Sept. 1913 (Todd & Carriker, 1920:115; Carriker, 1960, Noved. Colombianas, 1:318; CM); Lehmann, date ? (Lehmann, 1944a:189); Russell, Oct. 1971-May 1972 (Russell, 1980:250); Lehmann, between Santa Marta and Gaira, date ? (Dugand, 1941a:54); Hilty & Brown, 1986:190, as "Guaira."

GAIRACA (de Schauensee, 1948a:300); see Gayraca, Ensenada de.

GAITÁN, PUERTO; see Puerto Gaitán.

GAITANIA; Tolima 0309/7549 (USBGN)
2,100 m, in upper Magdalena Valley in extreme southern Tolima, on eastern slope of Central Andes, 68 km SW of Ataco [0335/7523 (USBGN)]

and 24 km NE of Nevada del Huila [0300/7600 (USBGN)], humid, temperate zone, Perdomo, Dec. 1956-Jan. 1957 (Olivares, 1960:369ff; Lehmann, 1957:130).

GALÁN; Santander 0638/7318 (USBGN)
919 m, on left side of valley of Río Suárez [0646/7312 (USBGN)], across river from Barichara [0638/7314 (USBGN)], 20 km NW of San Gil [0633/7308 (USBGN)] and 20 km N of Socorro [0629/7316 (USBGN)], on western slope of northern Eastern Andes (MHA); arid (pers. obser.); Nicéforo, date ? (Nicéforo, 1945:390).

GALAPA; Atlántico 1054/7453 (USBGN)
80 m (de Schauensee, 1948a:300); on Caribbean coastal plain 15 km SW of Barranquilla [1059/7448 (USBGN)] (MHA); Dugand, Mar. 1932 (Dugand, 1947c:568); collector ?, dates ? (Dugand, 1940b:229; 1947c:539); collector ?, between Galapa and Guaimaral [1053/7457 (USBGN)], date ? (Dugand, 1940b:229).

GALERA, PUNTA (LACMNH); see La Garita, Punta.

GALERAZAMBA; Bolívar 1048/7516 (USBGN)
Sea level, town on Caribbean coast in northernmost Bolívar on Atlántico border, just below Punta de la Garita [1048/7516 (USBGN)] (Atlas, 1977); MHA, as "Punta de la Garita"; sandy, arid, little vegetation, Dugand, Jan. 1946, Borrero, Dugand, and Cortés, 16 Jan. 1947 (Dugand, 1947c:530, 539-540, 587).

GALÍNDEZ; Cauca 0156/7708 (USBGN)
ca. 500 m ?, in upper valley of Río Patía [0213/7840 (USBGN)], near El Estrecho [0158/7707 (USBGN)] (Atlas, 1977); Wallace, 3-5 Feb. 1956 (Wallace, 1958:178).

GALLERA (Chapman, 1912:155); see La Gallera.

GALLERA, LA; see La Gallera.

GALLINAZO; Caldas 0502/7527 (USBGN)
Alt. ?; in municipio of Caldas [0605/7538 (USBGN)], ca. 10 km SE of Manizales [0505/7532 (USBGN)]; not found on our maps; collector ?, at Cuenca Hidrográfica de Gallinazo, date ? (Graves & Restrepo, 1989:371); Vélez and Betancur, at 2,640 m, on Alto del Gallinazo [not located], 3 Oct. 1992 (Cuadros, 1992:11); Betancur, Piedrahita, and Uribe, from 2,075-2,600, on Alto del Gallinazo, 9 Oct. 1993 (Cuadros, 1993b:25) and

Piedrahita and Betancur, same locality, 8 Oct. 1994 (Marín, 1994:56); Piedrahita (Bol. SAO, 6 [11]:35, 1994) places Alto de Gallinazo between Valle de Aburrá [not located] and the valley of the Ríonegro [not located].

GALLINAZO, ALTO DEL (Cuadros, 1992:11); see Gallinazo.

GAMARRA; Cesar 0820/7345 (USBGN)
69 m, port on middle Río Magdalena [1106/7451 (USBGN)], 2 km upstream from abandoned Puerto Viejo [0821/7345 (USBGN)] and 16 km E of Aguachica [0819/7338 (USBGN)] (MHA); Fuertes, 13 [31 ?], 31 May 1911 (CU); Carriker, 7-14 July 1916 (Todd, 1917, Proc. Biol. Soc. Washington, 30:128, 129; YPM; CM; ANSP); also see Puerto Viejo.

GAMBOA; Cauca 0237/7654 (USBGN)
ca. 2,500 m, slightly E of crest of southern Western Andes, 40 km NW of Popayán [0227/7636 (USBGN)] (Atlas, 1977); formerly San Antonio (USBGN); von Sneidern, Feb. 1938, at 6,800 ft [2,100 m] (FMNH, as "San Antonio"); von Sneidern, at 6,000-7,500 ft [1,850-2,300 m], date ? (Bond & de Schauensee, 1940:162, as "San Antonio"); von Sneidern, at 2,500 m, 2 Sept. 1938 (Gyldenstolpe, 1941:11, as "San Antonio").

GARITA, LA; see La Garita.

GARITA, PUNTA DE LA (MHA); see Galerazamba.

GARITA, PUNTA LA; see La Garita, Punta.

GARRAIPÍA (MHA); see Carraipría.

GARRAPATAS, RÍO; Chocó/Valle del Cauca 0439/7647 (USBGN)
Rises on western slope of central Western Andes in valley between main range and Serranía de los Paraguas [0440/7620 (USBGN)] in westernmost Valle del Cauca and joins middle Río Sipí [0439/7636 (USBGN)] in southern Chocó, upper portion called "Río de las Vueltas" [0437/7618 (USBGN)], said by de Schauensee (1948a:301) to have been misspelled "Bueitas" by Chapman (1917) (MHA); Palmer, at 150 ft [50 m], 8 Oct. 1908 (Hellmayr, 1911:1093, 1202).

GARRAPATEROS, LAGUNA; La Guajira ca. 1105/7238
Near Roche [1105/7238 (USBGN)], in central southern Península de la Guajira [1200/7130 (USBGN)], Serna, Mar. 1981 (Serna, 1984:19-20, 25).

- GARUPAL, Río; Magdalena** 0949/7337 (USBGN)
 Tributary of Río Cesar [0900/7358 (USBGN)] rising on southern slopes of Sierra Santa Marta [1050/7340 (USBGN)] (MHA); Carriker, 1920 (Todd & Carriker, 1922:115, 581), but may not have been a collecting locality.
- GARZÓN; Huila** 0212/7538 (USBGN)
 890 m, on right bank of upper Río Magdalena [1106/7451 (USBGN)], ca. 100 km NE of its source, 90 km SW of Neiva [0256/7518 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1976a:24); Miller, 20 km SW at 2,600 ft [800 m], 18 Jan., 18 Feb. 1949 (Miller, 1952a:454; MVZ); von Sneidern, 20-21 Sept. 1955, 18 Sept. 1958 (YPM); Lehmann and Brown, 10 Mar. 1961, Ridgely, 1976 (Hilty & Brown. 1986:589, 598).
- GAYRACA, ENSENADA DE; Magdalena** 1120/7407 (USBGN)
 Bay on Caribbean coast, 15 km NE of Santa Marta [1115/7413 (USBGN)] (IGAC [Mag.]); MHA, as "Ancón Guairaca"); Edmondson, 4 Feb. 1899 (CM; Todd & Carriker, 1922:115, as "Guairaca" and erroneously cite Smith as collector); de Schauensee, 1948a:300, as "Gairaca."
- GENAGRA; Cauca** 0226/7636 (USBGN)
 1,740 m, on upper Río Cauca [0854/7428 (USBGN)], 2 km W of Popayán [0227/7636 (USBGN)], subtropical, Iragorri, Nov. 1959 (Lehmann, 1960a:274).
- GILGAL; Chocó** ca. 0830/7710
 Alt. ?; W of Golfo de Urabá [0825/7653 (USBGN)] close to Panama border, in municipality of Acandí [0820/7710 (USBGN)], SE of Acandí [0832/7714 (USBGN)], Rodríguez, 8 May 1975 (Rodríguez & Narváez, 1978:359); not on our maps.
- GINEBRA; Valle del Cauca** 0343/7616 (USBGN)
 1,100 m (Borrero, 1972b:400); in upper Cauca Valley on lower western slope of Central Andes, 7 km SE of Guacarí [0346/7620 (USBGN)] and 21 km NNE of Palmira [0332/7616 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:400); Serna and Saavedra, 20 June 1971, Serna and Cuervo, 30 Oct. 1971, Serna and Sánchez, 20 Nov. 1971, Serna, 12 May, 20, 26, 30 Oct., 1-2, 6, 11-14, 17-21 Nov., 6 Dec. 1971, 18, 25, 29 June 1977 (Serna, 1980:19, 22, 24-25, 28, 30, 32-33, 45-46, 49, 61, 65, 67, 69, 83, 90, 94, 99, 101).
- GIRADOT (de Schauensee, 1948a:301);** see Girardot.
- GIRALDO, PUERTO;** see Puerto Giraldo.

GIRARDOT; Cundinamarca 0418/7448 (USBGN)
ca. 300 m, on right bank of upper Río Magdalena [1106/7451 (USBGN)],
100 km above Honda [0512/7445 (USBGN)] and 85 km SW of Bogotá
[0436/7405 (USBGN)]; Hernández, date ? (Borrero, 1955:7); Dugand, date
? (Dugand, 1941a:54); Arvey, 12 Dec. 1959, 12 Mar., 21 May 1960
(LACMNH); Olivares, 14 Dec. 1963 (Niséforo & Olivares, 1966:385);
Acevedo, 18 Sept. 1965, collector ?, 20 Sept. 1967 (WVZ); collector ?, 5
May 1968 (Serna, 1980:26); Chapman (1917) misspelled as "Giradot" and
"Jiradot" (*vide* de Schauensee, 1948a:301).

GIRARDOTA; Antioquia 0623/7527 (USBGN)
1,468 m, on right bank of Río Porce [0728/7453 (USBGN)] on eastern
watershed of Central Andes, 18 km NE of Medellín [0615/7535 (USBGN)]
(MHA); collector ?, date ? (Niséforo & Olivares, 1964:11); collector ?, 8
Oct., 8 Nov. 1966 (Serna, 1980:20, 87); Marín, et al., 2 Aug. 1992 (Marín,
1992); Weber and Cuadros, 3 Oct. 1992 (Cuadros, 1992:7, as "Lagos de
Girardota"); Cuadros and Weber, at 1,829 m, in Parque de las Aguas [not
located] and at 1,280 m, at Agregados del Norte [not located], 9 Oct. 1993
(Cuadros, 1993b:27, 29; Marín, 1994:58); Cuadros, Weber, and Toro, at
Parque de las Aguas, and at Agregados del Norte, 8 Oct. 1994 (Marín,
1994:51-54).

GIRARDOTA, LAGOS DE (Cuadros, 1992:7); see Girardota.

GIRÓN; Santander 0704/7311 (USBGN)
777 m, on lower western slopes of northern Eastern Andes, 6 km SW of
Bucaramanga [0707/7313 (USBGN)] (MHA); Carriker, 2 June 1962
(LACMNH).

GLORIA, LA; see La Gloria.

GOAJIRA (Todd & Carriker, 1922:115); see La Guajira, Península de.

GOAJIRA, LA (de Schauensee, 1945b:44); see La Guajira, Península de.

GÓMEZ (WVZ); see La Gómez.

GÓMEZ, LA; see La Gómez.

GÓMEZ MESA, HACIENDA; see Hacienda Gómez Mesa.

GÓMEZ, PUENTE; see Puente Gómez.

GORGONA, ISLA; Cauca 0259/7812 (USBGN)
Small island ca. 40 km off Punta Reyes [0242/7808 (USBGN)], southern Cauca, ca. 9 km long and 3 km wide, with three peaks, the highest ca. 395 m, many streams, (formerly) very dense, wet forest (Murphy, 1936:315); site of national park; Kellett and Wood, date ? (Sclater, 1886, Cat. Birds Brit. Mus., 11:215); Brown, 19 June-2 July 1904 (Bangs, 1905:87); Murphy and Correia, 20, 22 Apr. 1941 (Dugand, 1947a:389); Fredericks, 27 Oct. 1969 (Hays, 1971); Rubio, et al., 11-17 July 1979 (Silverstone & Cantillo, 1991); Borrero, 12 Oct. 1981 (Borrero, 1981); Naranjo, 6-8 Feb. 1983 (Naranjo, 1983a:3); von Prahl, Apr., Orejuela and Cantillo, June 1983 (Hilty & Brown, 1986:185); Beltrán and Naranjo, various times, Nov. 1983-Feb. 1984 (Beltrán & Naranjo, 1988:2), as "Isla de Gorgona"; Ortiz von Halle, various dates Sept. 1986-May 1989 (Ortiz von Halle, 1990:209); Ortiz, et al., on island and at sea in vicinity, ca. 16 Oct. 1988 (Anonymous, 1989); de Schauensee, 1948a:301, as "Isla de Gorgona."

GORGONA, ISLA DE (de Schauensee, 1948a:301); see Gorgona, Isla.

GORGONILLA, ISLA; Cauca 0257/7813 (USBGN)
Península on southern end of Isla Gorgona [0259/7812 (USBGN)], separated from it at high tide (Brown, 1905:89); Murphy and Correia, 22 Apr. 1941 (Dugand, 1947a:386); de Schauensee, 1948a:301, as "Islote de Gorgonilla"; Olivares, 19--?c:33, as "Isla de Gorgonilla."

GORGONILLA, ISLA DE (Olivares, 19--?c:33); see Gorgonilla, Isla.

GORGONILLA, ISLOTE DE (de Schauensee, 1948a:30f); see Gorgonilla, Isla.

GORROS, LOS; see Los Gorros.

GRAMALOTE; Norte de Santander 0753/7248 (USBGN)
1,020 m, 31 km W of Cúcuta [0754/7231 (USBGN)], on eastern slope of Eastern Andes, just N of junction with Venezuelan Andes (MHA); Alfonso Juan, Dec. 1939 (Nicéforo, 1967:6); Nicéforo, 9 Nov. 1940 (Zimmer, 1946:389; ANSP), 8, 12, 14 Dec. 1940, 8 Jan., Dec. 1941, Dec. 1942 (Nicéforo, 1947:340ff), 14 Jan. 1944 (ANSP), 22 Dec. 1947 (Iafrancesco, et al., 1987:93).

GRAMALOTE, CAÑO; Meta ca. 0410/7337
Stream "quite near Villavicencio [0409/7337 (USBGN)]" (de Schauensee, 1948a:30l); not on our maps; Nicéforo, 12 Jan. 1942 (Nicéforo, 1945:384); Filiberto, 24 May 1943, Nicéforo, 5 Feb. 1953 (Iafrancesco, 1989:132).

GRANADA; Cundinamarca ? 0431/7421 (USBGN)
Alt. ?; there are two towns, both on the western slope of the central Eastern Andes, with similar names in Cundinamarca, neither of which is on our maps; the more southern Granada is N of Fusagasugá [0421/7422 (USBGN)] in an area much frequented by collectors for many years, while the more northern Granada [0502/7434 (USBGN)] is close to Villeta [0501/7428 (USBGN)] and in a region visited by collectors only in more recent times; collector ?, date ? (Olivares, 1969b:97).

GRANADA; Meta 0334/7345 (USBGN)
ca. 200 m, in eastern llanos, ca. 30 km from base of Andes and 18 km S of San Martín [0342/7342 (USBGN)] (Atlas, 1977); collector ?, 15 Aug. 1966 (Olivares, 1974a:60); Marinkelle, 13, 19 Nov. 1965, collector ?, 20 Nov. 1970 (WFVZ; LACMNH).

GRANDE, CAÑO; Meta ca. 0406/7336
Affluent of Río Ocoa [0408/7315 (USBGN)], entering between Villavicencio [0409/7337 (USBGN)] and Apiay [0405/7334 (USBGN)] (de Schauensee, 1948a:301); not shown on our maps; Nicéforo, 8 Jan. 1945, Mar. 1946 (Nicéforo, 1947:329, 344); collector ? [Nicéforo ?], Apr. 1946 (Renjifo, 1950:540); collector ?, near Restrepo [0415/7333 (USBGN)], date ? (Borrero, 1955:2; Nicéforo & Olivares, 1964:11).

GRANDE, RÍO; Antioquia 0758/7644 (USBGN)
Rises in foothills on eastern side at head of Golfo de Urabá [0825/7653 (USBGN)] and discharges into lower Río León [0756/7645 (USBGN)] a short distance before latter reaches the sea (IGAC [Antioquia]), although Atlas, 1977 shows Río Grande entering the gulf directly; Haffer, ca. 1958-59 (Haffer, 1959:21).

GRANEROS; Cundinamarca ca. 0442/7418
ca. 2,600 m (IGAC [Bogotá]); next to Laguna de La Herrera [ca. 0442/7418 (IGAC [Bogotá]) on western outskirts of Bogotá [0436/7405 (USBGN)], Mejía, Nov. 1943 (Borrero, 1944:230); IGAC [Bogotá] shows an Hacienda el Granero adjacent to northern side of Laguna de la Herrera which is probably Borrero's "Graneros."

GUABAS (Olivares, 1958b:288); see Guabas, Río.

GUABAS, RÍO; Cauca 0215/7659 (USBGN)
On eastern slope of southern Western Andes, W and slightly S of El Tambo [0225/7649 (USBGN)] and S of Cerro Munchique [0232/7657 (USBGN)] (de Schauensee, 1948a:301); not on our maps but must be a headwater of

Río Patía [0204/7704 (USBGN)]; collector ?, date ? (Olivares, 1958b: 288, as "Guabas"); not to be confused with Río Guabas [0334/7631 (USBGN)] in Valle del Cauca, shown on MHA.

GUABINAS (MCZ); see Hacienda Guabinas.

GUABINAS, HACIENDA; see Hacienda Guabinas.

GUABITO, HACIENDA DE EL; see Hacienda de El Guabito.

GUABO (MHA); see El Guabo.

GUABO, EL; see El Guabo.

GUACAMAYAS, CERRO DE LAS; see Las Guacamayas, Cerro de.

GUACARÍ; Valle del Cauca 0346/7620 (USBGN)
980 m, on eastern side of upper Cauca Valley, 14 km S of Buga [0354/7617 (USBGN) and 25 km N of Palmira [0332/7616 (USBGN)] (MHA); Lehmann, Feb. 1955 (Lehmann, 1957:105); Lehmann and Miller, Apr., 7 Dec. 1958 (Lehmann, 1959b:265, 267); collector ?, date ? (Borrero, 1972b:400); Dugand, 3.5 km S, 11 May, 12 Apr. 1954 (Dugand, 1955:85); Serna and Cuervo, 24 Oct. 1971, Serna, 15 Nov. 1971 (Serna, 1980:5, 63).

GUACARÍ, QUEBRADA; Amazonas ca. 0350S/7005
Small affluent on left bank of the Amazon, ca. 45 km upstream from Leticia [0409S/6957 (USBGN)], Remsen, 25 June 1975 (Remsen, 1977a:93; MVZ).

GUACAS, LAS; see Las Guacas.

GUÁCHAROS, CUEVA DE LOS; see Los Guácharos, Cueva de.

GUACHICONO, HACIENDA; see Hacienda Guachicono.

GUACHICONO, RÍO; Cauca 0156/7708 (USBGN)
Rises in southern Central Andes SW of Volcán Sotará [0212/7631 (USBGN)], ca. 30 km S of Popayán [0227/7636 (USBGN)], and flows SW to join Río San Jorge [0156/7708 (USBGN)] to form the Dos Ríos [0157/7711 (USBGN)], a tributary on left bank of upper Río Patía [0213/7840 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1964:18); von Sneider, date ? (FMNH, as "Río Guachiria"); Haffer, 8 km N of El Bordo [0206/7658 (USBGN)], Nov. 1965 (Haffer, 1986:541);

Negret, where Quebrada Guanabanal [not located] enters, and the "Iron Bridge" crosses, the Río Guachicono and near Piedrasentada [ca. 0212/7650 (Atlas, 1977)], Apr. 1992 (Negret, 1992:46); also see Hacienda Guachicono.

GUACHINTE; Valle del Cauca 0310/7636 (USBGN)
ca. 1,000 m, in upper Cauca Valley, 34 km SSW of Cali [0327/7631 (USBGN)] and 13 km SSW of Jamundí [0315/7632 (USBGN)] (MHA); arid, Lehmann, year ? (Lehmann, 1957:104); collector ?, date ? (Cantillo, 1983:72).

GUACHIRIA, Río (FMNH); see Guachicono, Río.

GUADALUPE; Antioquia 0649/7515 (USBGN)
ca. 1,500 m, in central Antioquia in middle of valley of Río Porce, 25 km SE of Yarumal [0658/7524 (USBGN)] and 72 km NNE of Medellín [0615/7535 (USBGN)] (MHA); Serna, 15 Aug. 1968 (Serna, 1980:60).

GUADALUPE; Huila 0201/7545 (USBGN)
930 m, in upper Magdalena Valley, 23 km SW of Garzón [0212/7538 (USBGN)] and 7 km SE of Altamira [0203/7547 (USBGN)] (MHA); Carriker, 7-11 Nov. 1958 (FMNH; WFVZ; LACMNH); A. H. Miller, 12 km SE, at 3,600 ft [1,100 m], 18 Feb. 1949 and 24 km by road SE, at 6,700 ft [2,050 m], 18-19 Feb. 1949 (MVZ); Pearman, at Km 53 on Guadalupe/Florencia [0136/7536 (USBGN)] road, near Huila/Caquetá border, 4 Apr. 1987 and Willis and McCann, same locality, 26 Aug. 1989 (Pearman, 1993:69); Hilty, date ? (Hilty & Brown, 1986:471).

GUADUAL, EL; see El Guadual.

GUADUALITO, HACIENDA; see Hacienda Guadualito.

GUADUALITO, Río; Antioquia ca. 0803/7642
Small river ca. 10 km SE of Turbo [0806/7643 (USBGN)] emptying into Golfo de Urabá [0825/7653 (USBGN)], Haffer, in forested hills near where river reaches plains near Turbo road, Feb. 1959 (Haffer, 1959:5, 17, as "Río Gaudalito"; 1975:75); not on our maps, although the town of Guadualito [0803/7642 (USBGN)] is shown (Atlas, 1977).

GUADUAS; Cundinamarca 0504/7436 (USBGN)
1,007 m, on western slope of central Eastern Andes, 20 km SE of Honda [0512/7445 (USBGN)] and 75 km NW of Bogotá [0436/7405 (USBGN)] (MHA); pasture or cultivated, some forest in surrounding mountains

[1917], native-made skins believed from here (Chapman, 1917:646); Robinson, 5-10 July 1892 (Robinson, 1895:100-114; Todd, 1913, Ann. Carnegie Mus., 8:545); Fuertes, 11 Feb. 1913 (CU); collector ?, date ? (Dugand, 1948a:179); Marinkelle, 10 May 1965 (WFVZ; UMMZ); see, also, comment under Samoré [not located].

GUADUAS; Norte de Santander Not located
In municipio San Cayetano [0753/7235 (USBGN)] in lowlands W of Cúcuta [0754/7231 (USBGN)] (Dicc. Geog.); Nicéforo, 1 Mar. 1955 (Iafrancesco, et al., 1989:149, as "Samoré, Guaduas"); collector ? [Nicéforo ?], date ? (Nicéforo & Olivares, 1966:382, as "Samoré (Guaduas)"); see comment under Samoré and Sarare.

GUAICARAMO; Cundinamarca/Meta/Boyacá/Casanare 0443/7302
(de Schauensee, 1948a:301)
600-700 m (Dugand, 1942:72); hills near confluence of Río Guavio [0444/7303 (USBGN)] with Río Upía [0418/7245 (USBGN)], at eastern base of Eastern Andes, where boundaries of Boyacá, Cundinamarca, and Meta [and Casanare] meet (de Schauensee, 1948a:301, also, as "Guaycaramo"); not on our maps; collector ?, July 1930 (Lehmann, 1943c:187); collector ?, 1935 (Nicéforo, 1948:207); collector ? [Nicéforo ?], 4 Nov. 1937 (de Schauensee, 1946b:2); Nicéforo, date ? (Friedmann, 1947:493).

GUAIMARAL; Atlántico 1053/7454 (USBGN)
Alt. ?; adjacent to Galapa [1054/7453 (USBGN)], 15 km SW of Barranquilla [1059/7448 (USBGN)], but not shown on our maps; collector ?, date ? (Dugand, 1947c:598); collector ?, between Galapa and Guaimaral, date ? (Dugand, 1940b:229).

GUAÍMARO; Magdalena 1035/7443 (USBGN)
ca. 10 m, on right bank of lower Río Magdalena [1106/7451 (USBGN)], 45 km SSE of Barranquilla [1059/7448 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:396).

GUAINÍA, COMISARÍA DEL 0230/6900 (USBGN)
Eastern Colombia; formerly part of Vaupés and Guaviare, bounded on N by Vichada, on E by Venezuela, on S by Brazil and on W by Vaupés and Guaviare; very sparsely populated; only major town is Puerto Inírida [0352/6756 (USBGN)]; Río Guaviare [0403/6744 (USBGN)] forms northern boundary, Río Inírida [0352/6752 (USBGN)] flows across from W to NE, and Río Negro [0308S/5955 (USBGN)] forms much of eastern border.

GUAINÍA, RÍO; Guainía/Venezuela 0201/6707 (USBGN)
Originates in interior south-central Guainía and flows E and then S where meets Brazo Casiquiare [0201/6707 (USBGN)], together forming Río Negro [0308S/5955 (USBGN)] (MHA; Mapa, 1976); Olalla brothers on right (W) bank opposite mouth of the Casiquiare at 100 m, May 1929, spelling often "Río Huaynía" in ornithological literature (de Schauensee, 1948a:302; 1952:1133); Dugand, opposite mouth of Río [Brazo] Casiquiare, date ? (de Schauensee, 1952a:1183).

GUAIRA (Hilty & Brown, 1986:190); see Gaira.

GUAIRACA (Todd & Carriker, 1922:115); see Gayraca, Ensenada de.

GUAIRACA, ANCÓN DE (MHA); see Gayraca, Ensenada de.

GUÁITARA, RÍO; Nariño 0134/7727 (USBGN)
Rises near Ipiales [0050/7737 (USBGN)] on Ecuador border and flows N ca. 85 km to join Río Patía [0213/7840 (USBGN)], just before the latter swings abruptly from its southwesterly course to the N (MHA); Mena, at location ?, 5 Sept. 1950 (ANSP), at Sandoná [0117/7728 (USBGN)], 17, 20, 22, 24-25, 27-30 Aug., 4, 10, 15, 19, 24-26 Sept. 1950 (de Schauensee, 1951b:2; ANSP), at Yananchá [0115/7732 (USBGN)], 1, 12-20, 27, 30 Aug., 1, 7, 12-14, 17-19, 23-29 Sept. 1950 (de Schauensee, 1951b:2, 5; UMMZ; ANSP), and at Ancuyá [0115/7731 (USBGN)], 21-25, 27 Aug., 2-3, 7, 9-10, 12-15, 17, 20, 23, 26-29 Sept. 1950 (de Schauensee, 1951b:1; ANSP).

GUÁJARO (Dugand, 1947a:390); see Guájaro, Ciénaga de.

GUÁJARO, CIÉNAGA DE; Atlántico 1034/7502 (USBGN)
ca. 15 m (MHA); large lake in south-central Atlántico (Atlas, 1977, as "Embalse de Guájaro"); Dugand, Apr. 1924, Apr. 1930, 3 May, 6 June 1936 (Dugand, 1940a:61; 1945b:399); Giacometto, Dec. 1939 and Borrero and Cortés, 20 Jan. 1947 (Dugand, 1947c:530, 564, as "Laguna de Guájaro"); Dugand, 1947a:385, as "Guájaro"; Dugand, Apr. 1924, Apr. 1930, May 1936, and Giacometto and Dugand, on eastern side of La Peña [1035/7502 (USBGN)], 1-3 May, 5-7 June, 26-29 Aug., 10-12 Nov. 1936 (Dugand, 1946:280 [gives dates as 6-9 Aug.]; 1947c:529, 561); Giacometto and Dugand, at northern end at Arroyo de Piedra [1038/7506 (USBGN)], 5 Oct. 1936, 8 Aug. 1938 (Dugand, 1947c:529, 530, 535); Giacometto and Dugand, on SE side of Aguada de Pablo [1031/7501 (USBGN)], 1, 4 Feb. 1936 (Dugand, 1947c:541); collector ?, at southern end at Punta Polonia [1029/7502 (USBGN)], date ? (Dugand, 1947c:541).

GUÁJARO, EMBALSE DE (Atlas, 1977); see Guájaro, Ciénaga de.

GUÁJARO, LAGUNA DE (Dugand, 1947c:530); see Guájaro, Ciénaga de.

GUAJIRA; see La Guajira, Departamento de.

GUAJIRA, LA; see La Guajira, Departamento de.

GUAJIRA, PENÍNSULA DE LA; see La Guajira, Península de.

GUAJUÍ, SAN ANTONIO DE (Olivares, 1957a:359); see San Antonio, Cauca

GUALANDAY; Tolima 0417/7502 (USBGN)
ca. 500 m, on western side of upper Magdalena Valley, 10 km NW of Chicoral [0413/7459 (USBGN)] and 25 km W of Girardot [0418/7448 (USBGN)] (MHA); Nicéforo, date ? (Nicéforo, 1947:356); collector ?, date ? (Nicéforo, 1940:315); Esteban, July 1947, Nicéforo, July 1952, 6 June 1955, 1 Aug. 1957, 30 July 1958 (Iafrancesco, et al., 1985:52; 1987:77, 122); Isaza, 18 Feb. 1969, collector ?, 5 Aug. 1967 (Serna, 1980:87).

GUALAS, HACIENDA LAS; see Hacienda Las Gualas.

GUALI, RÍO; Tolima 0512/7444 (USBGN)
Short tributary on left bank of Río Magdalena [1106/7451 (USBGN)] rising on eastern slope of central Western Andes and entering the Magdalena at Honda [0512/7445 (USBGN)] (MHA); collector ? [Detwiler ?], 17, 21, 27 Mar. 1889 (ANSP); also see Honda..

GUALILLO; Santander 0708/7305 (USBGN)
ca. 1,500 m, on western slope of Eastern Andes, 4 km E of Bucaramanga [0708/7309 (USBGN)] (MHA, as "Gualilo"); no collector mentioned but probably Carriker (de Schauensee, 1952a:1131, as "Gualilo").

GUALILO (MHA); see Gualillo.

GUALLABAL; La Guajira ca. 1103/7326
3,000 ft [900 m], near San Antonio [1103/7326 (USBGN)], on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Simons, 23 Sept. 1878 (Salvin & Godman, 1880:120); does not appear on any of our maps; presumably correct spelling is "Guayabal."

GUAMAL; Meta 0352/7344 (USBGN)
ca. 500 m (Atlas, 1977); not on our maps, but at eastern base of south-

central Eastern Andes, near Acacías [0359/7346 (USBGN)]; collector ?, 7, 10 Aug. 1969, 3-8 Jan., 26 Mar. 1970, 30 Jan. 1971 (Olivares, 1974a:75ff).

GUAMAL, RÍO; Meta 0343/7322 (USBGN)

Small tributary of Río Humadea [0343/7310 (USBGN)] arising on lower eastern slopes of central Eastern Andes, ca. 40 km S of Villavicencio [0409/7337 (USBGN)] (MHA); Idinael, nearby [probably ca. 15 km from its mouth where road crosses river (Atlas, 1977)], 26 July 1946 (Nicéforo, 1947:372); Lehmann, at Hacienda las Gualas [not located], on Río Guamal, 60 km E of San Martín [0342/7342 (USBGN)], 29 Feb., 4, 19 Mar. 1958 (Lehmann, 1960a:263; MVZ, also as "Las Gualas").

GUAMALES; Santander ca. 0655/7330

In municipality of San Vicente de Chucurí [0655/7330 (USBGN)] on western slope of Eastern Andes, SW of Bucaramanga [0708/7309 (USBGN)], Romero, 8-9 July 1972 (Olivares & Romero, 1973:58, 60, 69, as "Vereda de Guamales").

GUAMALITO; Norte de Santander 0834/7329 (USBGN)

ca. 400 m, on western slope of northern Eastern Andes 15 km NW of Convención [0828/7321 (USBGN)] and 14 km SE of Ayacucho [0836/7335 (USBGN)], on upper Quebrada el Carmen [0840/7339 (USBGN)] (IGAC [N. de Santander]); cultivation, second-growth, and fairly heavy woodland, slopes steep and rocky covered with vines and bamboo, Carriker, between 1,500-3,000 ft [450-900 m], 12 -18 June 1943 (USNM).

GUAMALITO; Tolima ca. 0356/7453

400 m, on W bank of upper Río Magdalena [1106/7451 (USBGN)] "(30°6')," N of Purificación [0351/7455 (USBGN)] (de Schauensee, 1948a:302); although listed by de Schauensee (loc. cit.) we can find no reference to a collector having been there.

GUAMO; Tolima 0402/7458 (USBGN)

402 m, in upper Río Magdalena [1106/7451 (USBGN)] valley, 35 km SW of Girardot [0418/7448 (USBGN)] (MHA); Nicéforo, July 1922 (Iafrancesco, et al., 1987:77); Esteban, 2 Aug. 1947 (Iafrancesco, et al., 1985:52); Olivares, at Hacienda las Mercedes [ca. 0402/7458], 21 Dec. 1953 - 7 Jan. 1954, 18-19 Nov. 1956 (Olivares, 1957c:115-121); collector ?, 20 Jan. 1954 (UNC); Marinkelle, 10 Nov. 1967 (WfVZ); Rey, 5 Feb. 1968, collector ?, 30 Oct. 1968, Isaza, 6 Nov. 1971, Serna, 6, 16 Nov. 1971, Isaza, between Guamo and Saldaña [0356/7501 (USBGN)], 24 May 1969 (Serna, 1980:19, 24, 26, 32, 60, 76); Marinkelle, 10 Nov. 1967, 10

Nov. 1969 (UMMZ); A. H. Miller, 8 mi [13 km] N, at 1,200 ft [350 m], Jan. 1949 (MVZ); Borrero, Olivares, & Hernández, 1962:593, as "El Guamo (Tolima)"; Borrero, 1970:702, as "El Guamo."

GUAMO, EL (Borrero, Olivares, & Hernández, 1962:593); see Guamo.

GUAMUÉS, CORDILLERA DE; Nariño ca. 0050/7720
3,400 m, range on eastern side of Andes running SW between Laguna de la Cocha [0105/7709 (USBGN)] and border with Ecuador, forming divide between eastern and western drainages, also known as Páramo de Guamués (de Schauensee, 1951b:1; 1952a:1115, 1131, as "Páramo de Guamués"); not shown on our maps but apparently made up of Páramo Guapuscal [ca. 0055/7715 (MHA)], Páramo de las Juntas [0049/7724 (USBGN)] and Cordillera el Palacio [0040/7724 (USBGN)] as shown on MHA; Mena, 4, 7-10, 12, 14-15, 18-20, 22-25, 27-29 Aug., 3-4, 7-8, 11, 13-14, 16-27 Sept. 1950 (de Schauensee, 1951b:10; ANSP, sometimes as "Páramo de Guamués"; UMMZ).

GUAMUÉS, ESTACIÓN DE BOMBEO; Putumayo ca. 0040/7700
3,000 ft [900 m], pump station on pipeline above [= NW] San Antonio [ca. 0031/7645 (Atlas, 1977)], on eastern slope of southern Andes, von Sneider, 11 Oct.-Nov. 1969, 13 Mar.-6 Apr. 1971 (FMNH; Fitzpatrick and Willard, 1982:153, 155, as "Estación Bombeo de Guamuez," pp. 155, 156, as "Estación Bombeo Guamuez"); Oniki and Willis, 13, 24 Mar. 1989 (Oniki & Willis, 1991:519).

GUAMUÉS, LAGO (MVZ); see La Cocha, Laguna de.

GUAMUÉS, PÁRAMO DE (de Schauensee, 1952a:1131); see Guamués, Cordillera de.

GUAMUÉS, RÍO; Nariño/Putumayo 0032/7633 (USBGN)
Rises at southern end of Laguna de la Cocha [0105/7709 (USBGN)] and flows SE on eastern slope of Andes and then eastward in lowlands to join Río Putumayo [0307S/6758 (USBGN)] NW of Puerto Asís [0030/7631 (USBGN)] (MHA); collector ?, date ? (Dugand, 1951b:159); von Sneider, at San Antonio [ca. 0031/7645 (Atlas, 1977)], at 400 m, Nov. 1969 (FMNH).

GUAMUEZ, ESTACIÓN BOMBEO (Fitzpatrick and Willard, 1982:155); see Guajmués, Estación de Bombeo.

GUAMUEZ, ESTACIÓN BOMBEO DE (Fitzpatrick and Willard, 1982:153);
see Guajmués, Estación de Bombeo.

GUANACAS (Barrera & Feliciano, 1994:3630; see Guanacas, Alto de.

GUANACAS, ALTO DE; Cauca 0230/7615 (USBGN)
ca. 3,500 m, at crest of Central Andes, 40 km E of Popayán [0227/7636
(USBGN)] and 18 km W of Inzá [0233/7603 (USBGN)] (MHA); von
Sneidern, 1968 (FMNH); observer ?, Sept. 1991 (Barrera & Feliciano,
1994:363, as "Guanacas").

GUANAYABA; Valle del Cauca Not located
Near Cali [0327/7631 (USBGN)], Marinkelle, 7 Oct. 1967 (UMMZ);
probably misspelled.

GUANDERAL; Nariño ca. 0050/7725
3,300 m, on crest of Cordillera de Guamués [ca. 0050/7720] (which see),
on western slope, E of Puerres [0053/7730 (USBGN)] (de Schauensee,
1952a:1115); Mena, 1-4, 7-8, 12-13, 15, 19 Aug. 1950 (de Schauensee,
1951b:1; ANSP).

GUANE Not located
Collector ?, date ? (Nicéforo, 1940:317); unfortunately the state is
unknown; there is a Guane at 0641/7315 (USBGN), near Barichara [0638/
7314 (USBGN)], Santander, and also one at 0457/7406 (USBGN), near
Subachoque [0456/7411 (USBGN)], Cundinamarca; Nicéforo was
recording the presence of *Chalybura b. buffoni*, a tropical/subtropical
form, which suggests the more northern, lower altitude, Guane was meant.

GUANE, LAGUNA DE; Antioquia 0616/7531 (USBGN)
Not shown on our maps; in vicinity of Guarne [0617/7526 (USBGN)] (note
difference in spelling) at ca. 2,000 m, 15 km E of Medellín [0615/7535
(USBGN)] in interior of northern central Andes (MHA); collector ?, date
?, Nicéforo, 2 Sept. 1919 (Nicéforo & Olivares, 1968:277, as "Laguna de
Guarne"; Iafrancesco, et al., 1986:76, as "Laguna de Guarne"); Serna and
Diéz, 3 Aug. 1973 (Serna, 1980:16, as "Laguna Guarne").

GUAPANTAL; Antioquia ca. 0620/7625
2,200-2,500 m, on western slope of Western Andes, in district of Urrao
[0620/7625 (USBGN)], just S of Páramo Frontino [0628/7604 (USBGN)],
Herskovitz, Apr. 1951 (Blake, 1955:21; FMNH); does not appear on any
of our maps.

GUAPAYÁ, RÍO; Boyacá (Nicéforo & Olivares, 1965:43); see Guapaya, Río; Meta.

GUAPAYA, RÍO; Meta

Not located

Stream originating on eastern side at northern end of Serranía de la Macarena [0245/7355 (USBGN)] and joining upper Río Güejar [0255/7314 (USBGN)], Doncaster, at ca. 0309/7352 at 450 m, near headwaters but still at base of mountain, 26 Nov.-Dec.? 1949 (Philipson, et al., 1951: 189 (map), 192); as noted by de Schauensee (1952a:1130), the longitude of the map accompanying Philipson, et al., (1951) is labeled one degree too far E [the longitude given above has been corrected]; Nicéforo, 19-25 Apr. 1950 (Iafrancesco, et al., 1985:55; 1986:67, 74, 80; 1987:95, 135); von Sneidern, Feb.-Mar. 1957 (FMNH; Blake, 1959:2; 1962:70, 72); Idrobo, date ? (Dugand, 1951b:162); Nicéforo & Olivares, 1965:43, as "Río Guapayá, Boyacá."

GUAPAYITA, RÍO; Meta

ca. 0300/7345

Apparently a tributary of Río Guapayá [not located], at base of northern end of Serranía de la Macarena [0245/7355 (USBGN)], considered by Dugand to be same stream which Philipson, et al., called "Río" or "Caño Entrada," Doncaster, Dec. 1949-Jan. 1950 (Philipson, et al., 1951:189, map, 194; Dugand, 1951b:158); Idrobo, ca. May 1970 ? (Borrero, 1970a:41).

GUÁPI (Lehmann, 1957:149); see Guapí.

GUAPÍ, Cauca

0236/7754 (USBGN)

Sea level, on left bank of Río Guapí [0239/7756 (USBGN)], 2 km from Pacific, extreme southwestern Cauca near border with Nariño (MHA); mangroves on coast, thick, humid tropical forest, and swamp, mean temp. 29° C, Olivares, in general area, 21 Nov. 1955-19 Jan. 1956 (Olivares, 1957a:359-370); Lehmann, date ? (Lehmann, 1957:131-132, 149, as "Guápi"); collector ?, date ? (Borrero, 1970b:702; 1972b:401); Dunning, 30 Jan. 1983 (ANSP); Ridgely, 26-30 Jan. 1983 (Hilty & Brown, 1986:573); collectors ?, at mouth of river, 18 Apr. 1990 (Franke-Ante & Naranjo, 1994:402).

GUAPÍ, BOCA; Cauca

0239/7756 (USBGN)

Southernmost of two mouths (the other is Boca de Limones) of Río Guapí [0239/7756 (USBGN)] in southern Cauca, almost on Nariño boundary (MHA; Olivares, 1957a:361-362); Olivares, in area, 21 Nov. 1955 - 19 Jan. 1956 (Olivares, 1957a:361; 1957b:35, both as "Boca de Guapí"); see, also, Guapí.

GUAPÍ, BOCA DE (Olivares, 1957a:361); see Guapí, Boca.

GUAPÍ, RÍO; Cauca 0239/7756 (USBGN)
Rises in southernmost Cauca on Cerro Guapí [0213/7716 (USBGN)] and flows W and NW to enter Pacific at Boca Guapí [0239/7756 (USBGN)] almost on Nariño boundary (MHA); Batty, Jan., Dec. 1897 (MCZ); Olivares, in vicinity of mouth, 21 Nov. 1955 - 19 Jan. 1956 (Olivares, 1957a:359ff; 1957b:38).

GUARNE; Antioquia 0617/7526 (USBGN)
ca. 2,000 m, in interior of northern central Andes, 15 km E of Medellín [0615/7535 (USBGN)] (MHA); collector ?, 14 Aug. 1966 (Serna, 1980:101).

GUARNE, LAGUNA (Serna, 1980:16); see Guane, Laguna.

GUARNE, LAGUNA DE (Niséforo & Olivares, 1968:277); see Guane, Laguna de.

GUAROA, SAN CARLOS DE; see San Carlos de Guaroa.

GUARUMO, EL; see El Guarumo.

GUASCA; Cundinamarca 0452/7352 (USBGN)
2,720 m, in valley on NE rim above Sabana de Bogotá, with Páramo de Guasca [ca. 0455/7352 (MHA)] on ridge of Eastern Andes to E, behind village, 38 km NE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, Jan. (Anon., 1914:front cover) and Oct. 1914 (Niséforo, 1923:331); collector ?, ca. 1916 (Apolinar, 1916:61); collector ?, date ? (Dugand, 1948a:178); Borrero, Apr. 1950 (FMNH); Melo, 5 Nov. 1950 (Borrero, 1952a:7); Hershkovitz, 4, 7 June 1952, in forest near Río Balcones [Quebrada Balcones, 0440/7333 (USBGN)] in Meta drainage, on opposite side of Andes from village (FMNH, as "Río Balcones"; Blake, 1955:10, 12, as "Río Balcones,....., Guasca"); see, also, Balcones, Quebrada.

GUASCA, PÁRAMO DE; Cundinamarca ca. 0455/7352 (MHA)
ca. 3,000 m, on crest of Eastern Andes, on northeastern rim above Sabana de Bogotá, behind [E of] Guasca [0452/7352 (USBGN)], ca. 40 km NE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ?, at 2,800 m (Dugand, 1948a:178); collector ?, Sept. 1930 (Iafrancesco, et al., 1987:137), 22 Oct. year ?, and 30 Sept. 1953 (Borrero & Hernández, 1958:225, 281); Borrero, 12, 15, 22, 28-30 Sept. 1953, Borrero and

Bernal, 9-10, 12, 30 Nov., 2-5, 21 Dec. 1959 (FMNH; ANSP; MVZ; LACMNH).

GUASCAYACA (MVZ); see Guascayaco.

GUASCAYACO; Putumayo Not located
300 m, Pazos, Sept.-Oct. 1967, with known dates of 3, 5, 10, 14, 18, 20 Oct. (FMNH; MCZ; YPM; MVZ, also as "Guascayaca"); in eastern lowlands, possibly near Mocoa [0109/7637 (USBGN)].

GUATAPÉ; Antioquia 0614/7509 (USBGN)
920 m, in south-central Antioquia on eastern side of central Andes, 45 km E of Medellín [0615/7535 (USBGN)], site of large reservoir (MHA; Atlas, 1977); Serna, 7 Aug. 1971, 2 July 1972 (Serna, 1980:25, 64).

GUATAPURÍ, RÍO; Cesar 1027/7312 (USBGN)
Major river originating on eastern side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and flowing S and then SE to join Río Cesar [0900/7358 (USBGN)] near Valledupar [1029/7315 (USBGN)] (MHA; IGAC [Cesar]); Carriker, at head of river on southern side of valley, at camp site at ca. 1053/7332, at 10,000 ft [3,050 m], collections from 8,000-13,500 ft [2,450-4,100 m], 17-23, 25-30 Mar., 1-2 Apr. 1946 (USNM).

GUATAQUÍ; Cundinamarca 0431/7448 (USBGN)
ca. 500 m, at mouth of Río Seco [0432/7448 (USBGN)] on Río Magdalena [1106/7451 (USBGN)], 25 km N of Girardot [0418/7448 (USBGN)] (MHA); Isaza, 14 June 1969, 6 Mar. 1971, Serna and Isaza, 21 May 1971 (Serna, 1980:20, 39, 47, 90).

GUATAVITA; Cundinamarca 0445/7351 (USBGN)
2,616 m, in northeastern Sabana de Bogotá, 21 km SE of Zipaquirá [0502/7400 (USBGN)] (MHA); Hermanitas de la Asunción, 19 Mar. 1969 (Olivares, 1973:65).

GUATAVITA, LAGUNA DE; Cundinamarca 0459/7347 (USBGN)
ca. 2,600 m, at northeastern end of Sabana de Bogotá, 53 km NE of Bogotá [0436/7405 (USBGN)], 24 km ESE of Zipaquirá [0502/7400 (USBGN)], and 9 km NE of Guatavita [0455/7351 (USBGN)] (MHA); collector ?, date ? (Olivares, 1967:40).

GUATIQUEÍA (Renjifo, 1950:540); see Guatiquía, Río.

GUATIQUEÍA, RÍO; Meta 0411/7304 (USBGN)
Tributary of Río Meta [0612/6728 (USBGN)], originating in Eastern Andes and entering llanos near Villavicencio [0409/7337 (USBGN)] (MHA); collector ?, 1917 (Nicéforo, 1945:379); Nicéforo, 28 July 1943, .5 km from Villavicencio, date ?, near Villavicencio, 18 Jan. 1944, Jan. 1945, 4, 12 Jan., 1, 5 Mar 1946, 17 May 1950 (Nicéforo, 1945:374, 383, 389; 1947:328; Iafrancesco, et al., 1989:139; ANSP); collector ? [Nicéforo ?], Mar. 1946 (Renjifo, 1950:540ff, as "Guatiquía").

GUAUDALITO, RÍO (Haffer, 1959:5, 17); see Guadualito, Río.

GUAVAS; Cauca Not located
5,500 ft [1,700 m], von Sneidern, May 1937 (FMNH, as "Cauca, El Tambo, Guavas"), 15, 22-23 Jan. 1940 (ANSP, as "Cauca, Guavas, El Tambo"); probably between Cerro Guavas [0219/7705 (USBGN)] and El Tambo [0225/7649 (USBGN)], which would place it on eastern slope of Western Andes.

GUAVATÁ; Santander 0558/7342 (USBGN)
2,100 m, on western slope of northern Eastern Andes, 7 km SSW of Vélez [0601/7341 (USBGN)] and 10 km N of Puente Nacional [0553/7342 (USBGN)] (MHA); mean temperature 18° C, Romero, date ? (Olivares & Romero, 1973:44).

GUAVIARE, COMISARÍA DEL ca. 0200/7220
Until recently this was the western part of Vaupés; bounded on SW by Caquetá, on W and N by Meta, on NE by a very small section of Vichada and by Guainía, and the balance by Vaupés, the border running roughly along Río Papunava [0209/7032 (USBGN)] to its headwaters and then S to Río Vaupés [0002/6716 (USBGN)] and then SSW to Río Apaporis [0123S/6925 (USBGN)]; lowlands, sparsely inhabited, major town is San José del Guaviare [0235/7238 (USBGN)].

GUAVIARE, RÍO 0403/6744 (USBGN)
Major river rising E of Serranía de la Macarena [0245/7355 (USBGN)] and flowing E to Venezuelan border to join Río Orinoco [0837/6215 (USBGN)], forming the Meta-Vaupés and Vichada-Guainía borders (MHA).

GUAVIO, RÍO; Cundinamarca/Boyacá 0444/7303 (USBGN)
Originates high on eastern slope of central Eastern Andes near Gachalá [0441/7330 (USBGN)] and joins upper Río Upía [0418/7245 (USBGN)] in lowlands close to base of Andes, forming boundary between

Cundinamarca/Boyacá for most of its length (MHA); collector ?, on river 85 km NE of Villavicencio [0409/7337 (USBGN)], date ? (Nicéforo, 1947:326).

GUAYABAL; Norte de Santander 0801/7230 (USBGN)
ca. 200 m, railway station, 15 km N of Cúcuta [0754/7231 (USBGN)], near Venezuelan border, at eastern base of northern Eastern Andes (MHA); Osgood and Jewett, Mar. 1911, Osgood and Conover, Mar. 1920 (FMNH); von Sneider, 2 Dec. 1944 (ANSP); Nicéforo, date ? (Nicéforo, 1947:372, 376, as "El Guayabal"), 21 Dec. 1954 (Iafrancesco, et al., 1985:53); railway and Guayabal not shown on recent maps (e.g., Atlas, 1977; IGAC [N. de Santander]).

GUAYABAL, EL (Nicéforo, 1947:372); see Guayabal.

GUAYABERO, RÍO; Boyacá (Nicéforo & Olivares, 1965:43); see Guayabero, Río, Meta/Guaviare.

GUAYABERO, RÍO; Meta/Guaviare 0236/7247 (USBGN)
Major tributary of Río Guaviare [0403/6744 (USBGN)] rising on eastern slope of southern Eastern Andes and flowing SE to western base of Serranía de la Macarena [0245/7355 (USBGN)] and then S and E around the southern end of the mountain to join the Guaviare 150 km to the E (MHA; Atlas, 1977); Olivares, along river from Salto de Angosturo Primero [0218/7357 (USBGN)] E to 3 km below "Compamento del Morrocoy " which is [was ?] 8 km below confluence of Caño Morrocoy [ca. 0215/7340 (Atlas, 1977)], 10 Jan.-18 Mar. 1959 (Olivares, 1959b:52ff; 1962:305ff); collector ?, 15 Feb. 1963 (Nicéforo & Olivares, 1964: 16); Lemke, 7, 13 Mar. 1976 (Lemke, 1979:207); Lemke and Gertler, at confluence of Río Duda [0233/7402 (USBGN)] and Río Guayabero, 2 Dec. 1976, and at Finca Don Angel Catalina [ca. 0225/7327 (Lemke & Gertler, 1979:453, map)] on middle Río Guayabero, 20, 23 Oct. 1976 (Lemke & Gertler, 1979:453-455); collector ?, at 2,000 [?] m, date ? (Borrero, 1972b:401); Velásquez, on llanos near Serranía de la Macarena, ca. 24 Jan., 2 Feb. 1990 (Velásquez, 1992); Nicéforo & Olivares, 1965:43, as "Río Guayabero, Boyacá."

GUAYABETAL; Cundinamarca 0413/7349 (USBGN)
ca. 1,000 m, on eastern slope of central Eastern Andes on Río Negro [0403/7345 (USBGN)], 13 km SE of Quetame [0420/7351 (USBGN)] and 22 km WNW of Villavicencio [0409/7337 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:212); collector ?, 27 Aug. 1970 (WFVZ).

GUAYACANA; Nariño 0126/7827 (USBGN)
 260 m (Blake, 1959:8), 240 m (von Sneider, 1955:39); on Pacific plain, near Ecuador border, on Río Cualquer [Río Güiza, 0122/7836 (USBGN)] near junction with Río Nulpe [0123/7829 (USBGN)] (Atlas, 1977); von Sneider, 1 Jan., Apr., 1, 7 May 1944, Jan., 2, 5, 2 Feb. 1945, 25-26, 28-30 Apr., 2, 5, 7, 10-16, 18-24, 26, 29-31 May, 30 June, 12 Oct. 1947, 20 May, 28-30 Aug., 2-4, 6, 8-17, 20-26, 28 Sept., 11 Nov. 1948, Feb. 1954 (de Schauensee, 1948b:1, as "La Guayacana"; von Sneider, 1955:39, 41, as "La Guayacana"; YPM; UMMZ, also as "La Guayacana"; ANSP, sometimes as "La Guayacana"); Lehmann, Apr. 1944 (Negret, 1991:42); von Sneider, 6 Mar. 1950 (Blake, 1959:3, as "La Guayacana") and Feb., Mar. 1958 (FMNH); Mena, 15 Aug. 1950 (UMMZ); Carriker, 21 May, 2-19, 22-25 July 1957 (MVZ, as "La Guayacana"; LACMNH, as "La Guayacana"), 14-19, 21-26, 28-30 Apr., 1-2, 5-10, 12-18, 23 May 1958 (YPM; UMMZ, as "La Guayacana"), Feb. (LSUMZ, as "La Guayacana"), 28 Apr. (Blake, 1959:9), July (LSUMZ, as "La Guayacana"), 6, 8, 12, 14, 18-21, 23-24, 27 Aug. 1959 (UMMZ; LACMNH, as "La Guayacana"); Carriker, 10 km E, July 1957, 17, 19, 23 Apr., May 1958 (FMNH), 4 July, 3-8, 10-15, 17-28, 30 Aug. 1959 (Carriker, 1959a:196-198, as "La Guayacana"; WFVZ, as "La Guayacana"); see, also, Barbaosas.

GUAYACANA, EL (Carriker, 1959a:196); see Guayacana.

GUAYANA; Nariño ca. 0122/7814
 ca. 500 m, near El Diviso [0122/7814 (USBGN)], which is on lower Pacific slope, 10 km ESE of Guayacana [0126/7827 (USBGN)] and 10 km NW of Junín [0120/7800 (USBGN; Atlas, 1977); von Sneider, 20, 25 Apr. 1944 (Lehmann, 1944d:225-226); de Schauensee (1947b:118, as "La Guayana") believed, erroneously, that this is equivalent to Guayacana.

GUAYANA, LA (de Schauensee, 1947b:118); see Guayana.

GUAYAS, Río; Caquetá 0123/7450 (USBGN)
 Rises on eastern slope of southern Eastern Andes in northwestern Caquetá and joins Río Caguán [0008/7418 (USBGN)] in central southwestern Caquetá (MHA); collector ?, date ? (Borrero, 1972b:402).

GUAYCARAMO (de Schauensee, 1948a:301); see Guaicaramo.

GUAYURIBA, Río; Meta 0355/7305 (USBGN)
 An affluent of Río Metica [0410/7256 (USBGN)], a continuation of Río Negro [0403/7345 (USBGN)] which originates in eastern foothills of central Eastern Andes W of Villavicencio [0409/7337 (USBGN)], entering

llanos ca. 15 km SW of Villavicencio (MHA); collector ?, 1931 (Iafrancesco, et al., 1989:144); Nicéforo, in forested edges of river S of Villavicencio, date ? (Nicéforo, 1945:385); Borrero, date ? (Dugand, 1941b:360).

GUAYUYACO (MCZ); see Guayuyaco, Río.

GUAYUYACO, Río; Cauca 0100/7622 (USBGN)
Not shown on our maps, but apparently a tributary of Río Caquetá [0124/6925 (USBGN)], ca. 20 km SE of Puerto Limón [0103/7630 (USBGN)] and 40 km SE of Mocoa [0109/7637 (USBGN)], on Cauca side of river; there is doubtless a settlement at its mouth; Pazos, 19 Nov. 1963 (MCZ, as "Guayuyaco").

GÜEJAR, Río; Meta 0255/7314 (USBGN)
Affluent of Río Ariari [0235/7245 (USBGN)], rising at eastern base of Serranía de la Macarena [0245/7355 (USBGN)] (MHA); Doncaster, at Plaza Bonita [ca. 0316/7352 (Philipson, et al., 1952:189, map), 12-20 Nov. 1949 (Philipson, et al., 1951:192); Nicéforo, where on river ?, 25, 27 Mar., 20, 27, 29 Apr. 1950 (Iafrancesco, et al., 1985:42, 57; 1987:96; 1988:139); von Sneidern, at Plaza Bonita, Feb. 1957 (FMNH; Blake, 1962:72).

GUENGÜE (Chapman, 1914:168); see Güengüé.

GUENGÜÉ (de Schauensee, 1948a:303); see Güengüé.

GÜENGÜÉ; Cauca ca. 0314/7621
ca. 1,000 m (MHA); ranch on western side of Río Cauca [0854/7428 (USBGN)], ca. 15 mi [24 km] SE of Cali [0327/7631 (USBGN)], dense forest being cleared [1911], some streams bordered by large bamboos, Chapman, Fuertes, et al., 4-5 May 1911 (Chapman, 1917:22, 646; CU); as explained by Lehmann (1957:147), the correct orthography for the locality is not "Guengué" (de Schauensee, 1948a:303) or "Guengüe" (Chapman, 1914:168), but Güengüé, that this is not only a ranch, but a small river [0314/7621 (USBGN)] flowing E to W into Río la Palla [0313/7623 (USBGN)] which in turn empties into Río Palo [0316/7628 (USBGN)] in Puerto Tejada [0314/7624 (USBGN)], and that the area is now mainly devoted to agriculture and ranching.

GUERRERO, ENSILLADA DE (IGAC [N. de Santander]); see Guerrero, Páramo de.

GUERRERO, PÁRAMO; Boyacá (ANSP); see Guerrero, Páramo de.

GUERRERO, PÁRAMO; Santander (Todd, 1919:114); see Guerrero, Páramo de.

GUERRERO, PÁRAMO DE; Norte de Santander 0747/7258 (USBGN)
ca. 3,000 m, at crest of northern extension of Eastern Andes, 10 km E of Cáchira [0744/7303 (USBGN)] and same distance W of Salazar [0746/7249 (USBGN)] (MHA; IGAC [N. de Santander], as "Ensellada de Guerrero"); Carriker, 6, 9-11, 13, 20-22 Oct. 1916 (Todd, 1919:114, as "Páramo Guerrero, Santander"; CM, as "Páramo Guerrero"; ANSP, also as "Páramo Guerrero, Boyacá"); not to be confused with Páramo Guerrero at 0504/7406 (USBGN).

GÜICHIRAL; Meta 0409/7304 (USBGN)
ca. 200 m, 65 km E of Villavicencio [0409/7337 (USBGN)] and a short distance SW of Puerto Sánchez [0411/7302 (USBGN)] (Atlas, 1977); Nicéforo, 25 Sept. 1958 (Iafrancesco, et al., 1989:144).

GÚJICA, QUEBRADA; Boyacá Not located
Affluent on right bank of Río Cubugón [0703/7205 (USBGN)], collector ?, at 700 m, subtropical, date ? (Nicéforo, 1955b:180, 181); on eastern slope of northern Eastern Andes, probably in Sarare region [ca. 0705/7210, which see] in extreme northeastern Boyacá.

GUINEO (Hellmayr, 1911:1099); see El Guineo.

GUINEO, EL; see El Guineo.

GUIROCOBA; Tolima Not located
Sheffler, 3 Oct. 1965 (WVZ).

GUISITO (ANSP); see El Tambo.

GUNETÁ, LA (MCZ); see Laguneta.

GURUMENDI, SALTO DE; Cauca Not located
130 m, on Río San Juan de Micay [0305/7732 (USBGN)] on Pacific slope, Negret, June 1988 (Negret, 1991:43).

GUSANO, EL; see El Gusano.

GUSCA; Cundinamarca Not located
Nicéforo, 6 Oct. 1944 (Serna, 1980:88).

HABANA, LA; see La Habana.

HACHA, RÍO (Todd, 1915:81); see Ríoacha.

HACIENDA ARENAL; Meta ca. 0342/7320
280 m, 40 km E of San Martín [0342/7342 (USBGN)], Lehmann, 12-13
Mar. 1958 (MVZ).

HACIENDA ARIZONA; Valle del Cauca ca. 0317/7635
Alt. ?; in district of Jamundí [0310/7635 (USBGN)], 20 km S of Cali
[0327/7631 (USBGN)], Borrero, date ? (Borrero, 1972b:388; MHA); Ortiz
von Halle, date ? (Ortiz von Halle, 1986).

HACIENDA BARBASCAL (MVZ); see Barbascal.

HACIENDA BELÉN; Antioquia ca. 0710/7443 (USNM)
800 ft [250 m], at northern end of Central Andes on western drainage at
headwaters of Río Pocuné [0734/7444 (USBGN)], an affluent of Río Nechí
[0808/7446 (USBGN)], 8 mi [13 km] W [= NW] of Segovia [0707/7442
(USBGN)], heavy, tall forest on surrounding hills, Carriker, up to 2,000 ft
[600 m], 20-25, 27, 29-31 Mar., 1-5 Apr. 1948 (USNM, sometimes as "El
Belén" or "Belén"; WFVZ); Serna and Marín, 10 Apr. 1967, Serna and
Arango, 4 Feb., 7, 20 Oct. 1976 (Serna, 1980:9, 15, 25, as "Belén" and
"Barrio Belén"); the Serna records probably refer to the barrio of Belén
[not located], in the city of Medellín [0615/7535 (USBGN)].

HACIENDA CANADÁ; Valle del Cauca ca. 0350/7620
Alt. ?; near lake Sonso [Laguna Chircal, 0352/7621 (USBGN)] in district of
Buga [0355/7605 (USBGN)], in upper Cauca Valley (Borrero, 1970b:699,
720; 1972b:388; MHA); Borrero, Apr.-July 1967, Apr. 1968 (Borrero,
1968b:27).

HACIENDA CERRO DE CONEJERO; see Suba.

HACIENDA CHINITO; Antioquia Not located
Apparently in vicinity of Apartadó [0754/7639 (USBGN)], to SE of Golfo
de Urabá [0825/7653 (USBGN)], northwestern Antioquia; Willis, 8-9 Mar.
1964 (Willis, 1988:139).

HACIENDA CINCINNATI (Dugand, 1941b:361); see Cincinnati.

- HACIENDA CLARA; Norte de Santander Not located
On eastern side of northern Eastern Andes, near Pamplona [0723/7239 (USBGN)], 29 May 1948 (Iafrancesco, et al., 1986:44).
- HACIENDA DE BELALCÁZAR; Cauca ca. 0230/7635
Alt. ?; near Popayán [0227/7636 (USBGN)], Valencia, July 1938 (Lehmann, 1957:122).
- HACIENDA DE EL GUABITO; Valle del Cauca ca. 0420/7605
ca. 1,000 m (MHA); in upper middle Cauca Valley, near La Palla [0419/7604 (USBGN)], Lehmann, July 1936 (Lehmann, 1960a:261).
- HACIENDA DE PIEDRAGRANDE; Valle del Cauca ca. 0325/7633
ca. 1,000 m (MHA); in municipality of Cali [0325/7633 (USBGN)], Lehmann, 10 Nov. 1957 (Lehmann, 1957:107, as "Hacienda de Piedragrande, Cali"); not on our maps.
- HACIENDA EL AMPARO; Antioquia ca. 0702/7441
Near Remedios [0702/7441 (USBGN)], in northeastern Central Andes, collector ?, 15 Oct., 24 Dec. 1961, 18 Feb., 6, 30 Oct., 9, 16, 18, 20-21, 28 Nov., 18, 23-24, 28-30 Dec. 1966, 16 Feb., 12 Aug. 1968, Serna, 28 Dec. 1966, 11-13 Jan., 18 June 1968, 28 June, 1 July 1971, 27 Dec. 1972, 5 June, 29 Dec. 1974, 4 Apr. 1975, Isaza, 23 Dec. 1966, 13, 21 Jan., 13, 16, 18 June 1968, Dec. 1969, 13 July 1970, Isaza and Nicéforo, 28 Dec 1966, Serna and Isaza, 28 Nov., 23, 28-29 Dec. 1966, 19 June, 5, 10, 12-13 Jan., 30 Dec. 1968, 30 Dec. 1970, 25 June, 1 July 1971, 29 Dec. 1972, 26-29 Dec. 1974, Serna and Nicéforo, 12 Jan. 1968, Serna and Perdomo, 1 Sept. 1972, Serna, et al., 29 Dec. 1974, Ignacio and Isaza, 22 Dec. 1969, Nicéforo, 27 Dec. 1966, 12 June 1968 (Serna, 1980:5-7, 9-12, 14, 21-23, 29-30, 37, 40-43, 45-47, 50, 52-54, 56-57, 62, 64, 69-70, 81, 89, 95, 101, as "El Amparo"; Iafrancesco, et al., 1985:45, 60, as "El Amparo"; 1986:78, as "El Amparo"; 1987:123, as "El Amparo"); collector ?, date ? (Nicéforo & Olivares, 1968:285).
- HACIENDA EL GUÁSIMO; Antioquia ca. 0651/7517
In municipio of Angostura [0651/7517 (USBGN)], Cuadros, 1978, Serna, 1989 (Serna, 1992a:14, 17).
- HACIENDA EL OTONO; see Suba.
- HACIENDA EL RANCHO DE COMIJOQUE (Olivares, 1971:203ff); see Comijoque, Alto de.

HACIENDA EL RAYO; see Rayo, Quebrada.

HACIENDA EL TRIANÓN; Santander ? ca. 0652/7330
580 m (Borrero, Olivares, & Hernández, 1962:586); presumably near Trianón [0652/7330 (USBGN)], on lower western slope of northern Eastern Andes, near San Vicente de Chucurí [0654/7325 (USBGN)], in municipality of San Vicente de Chucurí [0655/7330 (USBGN)]; Borrero and Hernández ?, 10-20 Dec. ? 1956 (Borrero & Hernández, 1957b:197ff; 1958:290; Borrero, Olivares, & Hernández, 1962:586, 599, as "El Tranión"); Borrero & Hernández, 1961:440, as "El Tranión."

HACIENDA EL TRIUNFO; Tolima ca. 0515/7445
Alt. ?; a few miles N of Honda [0512/7455 (USBGN)] in upper Magdalena Valley, Chapman, et al., 2-9 Feb. 1913 (Chapman, 1917:50); de Schauensee (1948a:304) places this W of Honda; although specifically mentioned by Chapman (loc. cit.) as a collecting site, no specimens seem to have been recorded from here and they are assumed to have been labeled as being from Honda.

HACIENDA FORMOSA; Valle del Cauca 0445/7555 (Naranjo, 1992:56)
930 m, in municipio of Ansermanuevo [0445/7559 (USBGN)], northernmost Valle del Cauca, Naranjo, Sept. 1981-Sept. 1982 (Naranjo, 1992:55-56); not located on our maps.

HACIENDA GÓMEZ MESA; Valle del Cauca ca. 0327/7631 Alt. ?;
near old Cali [0327/7631 (USBGN)] airport in upper Cauca Valley, Borrero, at colony, known as "Tortugas," of *Ardeola ibis*, date ? (Borrero, 1970b:699, 720; 1972b:389; MHA).

HACIENDA GUABINAS; Valle del Cauca 0334/7631 (USBGN)
3,100 ft [950 m] (MCZ); ca. 3 km SW of Yumbo [0335/7628 (USBGN)] and 12 km N of Cali [0327/7631 (USBGN)] on western bank of upper Río Cauca [0854/7428 (USBGN)] (Mapa, Valle, 1973); Palmer, 8-28 Jan. 1908 (MCZ, as "Guabinas" or sometimes merely as "Río Cauca").

HACIENDA GUACHARACAL; see Beltrán (2).

HACIENDA GUACHICONO; Cauca ca. 0206/7652
650 m, on middle Río Guachicono [0156/7708 (USBGN)], pastureland, Lehmann, Dec. 1965 (Haffer, 1986:535, 541); 12 km E of El Bordo [0206/7658 (USBGN)], Arvey, 26 Sept., 16-23 Oct. 1971, 26-29 Feb., 1-2 Mar. 1972 (LACMNH); not indicated on our maps

- HACIENDA GUADUALITO; Arauca Not located
On Río Arauca [0724/6635 (USBGN)], collector ?, Feb. 1960 (Nicéforo & Olivares, 1968:287).
- HACIENDA HEZZEN; see Puerto Triunfo.
- HACIENDA HEZZER; see Puerto Triunfo.
- HACIENDA IMA (Nicéforo, 1967:4); see Ima.
- HACIENDA INDOSTÁN; Tolima ca. 0440/7515
3,280 m, in municipality of Anzoátegui [0440/7515 (USBGN)], collector ?, date ? (Graves & Giraldo, 1987:89); not found on our maps..
- HACIENDA JAPIO; Cauca ? Not located
On Cali [0327/7631 (USBGN)]/Popayán [0227/7636 (USBGN)] road, Borrero, date ? (Borrero, 1972b:388); presumably in vicinity of Japio [0302/7626 (USBGN)].
- HACIENDA JARAMILLO; Tolima Not located
ca. 3,100-3,500 m, on eastern [?] slope of Central Andes, just below Páramo del Ruiz [Páramo de Santa Isabel, ca. 0447/7526] on Nevado del Ruiz [0454/7518 (USBGN)], Carriker, Sept. 1918 (de Schauensee, 1948a:326, 303); Carriker (1955:51) gives date as 18 Sept. and places this ranch on the *western* slope of *Nevado del Tolima* [0440/7519 (USBGN)]; see Santa Isabel, Páramo de.
- HACIENDA LA CAPILLA; Cauca 0235/7636 (USBGN)
1,650-1,780 m, in upper Cauca Valley, 10 km S of Cajibío [0237/7636 (USBGN)] on Río Palacé [0234/7645 (USBGN)], collections made here generally cited as from Cajibío (Lehmann, 1957:146); USBGN does not list Hacienda la Capella, but coordinates for La Capilla [0235/7636 (USBGN)] seem to fit Lehmann's description of location of his family's hacienda; Lehmann, ca. 1937-Aug. 1957 (Lehmann, 1957:146; 1960a:273); Carriker, May, 10-12, 14-17, 19-29 July 1952, 21 Mar., 12 May 1956, and 9-16 May 1957, 24 July, 4 Sept. 1958 (YPM; FMNH; UMMZ, as "La Capilla"; LACMNH; MVZ); Negret, May 1992 (Negret, 1994b:106); Nicéforo & Olivares, 1976a: 24, as "La Capella"; also see Cajibío.
- HACIENDA LA COROCORA; Meta 0357/7324 (McKay, 1980b:381)
310 m, 35 km SE of Villavicencio [0409/7337 (USBGN)], McKay, 11, 23 Oct. year ?, 3 Dec. 1976-ca. Aug. 1978 (McKay, 1980b; 1981; Hilty & Brown, 1986:519); not on our maps.

HACIENDA LA CRISTALINA; Antioquia Not located
In northernmost Antioquia, in vicinity of Caucasia [0800/7512 (USBGN)],
Cadavid, 8 km transect between Caucasia, La Esmeralda [not located], and
here, 4 Oct. 1990 (Anonymous, 1990b:20).

HACIENDA LA CUAJADA; Córdoba 0805/7524 (Orozco & Escobar, 1991:6)
22 m, near Montelíbano [0805/7529 (USBGN)], southeastern Córdoba,
Orozco and Escobar, Oct. 1986-Sept. 1987 (Orozco & Escobar, 1991); not
shown on available maps.

HACIENDA LA ESPERANZA (Wetmore, 1970:774); see La Esperanza.

HACIENDA LA GUAJIRA; Sucre ca. 0918/7524
100 m, in northern Sucre, near Sincelejo [0918/7524 (USBGN)], Köster,
date ? (Köster, 1976:77); not shown on our maps.

HACIENDA LA HOLANDA; Meta ca. 0342/7342
419 m, near San Martín [0342/7342 (USBGN)], ca. 60 km S of
Villavicencio [0409/7337 (USBGN)], collector ?, date ? (Borrero,
1972b:401).

HACIENDA LA ILLUSIÓN (de Schauensee, 1959:70); see Hacienda la Ilusión.

HACIENDA LA ILUSIÓN; Antioquia ca. 0625/7605
8,950 ft [2,725 m], on western slope of northern Western Andes at
headwaters of Río Urrao [0620/7610 (USBGN)], NE of Urrao [0620/7611
(USBGN)], at foot of trail to Páramo Frontino [0628/7604 (USBGN)],
subtropical, Carriker, up to 11,300 ft [3,450 m], 4-5, 8-5, 17-22, 24-29
Sept. 1951 (USNM); de Schauensee, 1959:70, as "Hacienda la Ilusión"; see,
also, Frontino, Páramo.

HACIENDA LA MORENA; Caldas ca. 0505/7530
2,400 m, in municipio Manizales [0505/7530 (USBGN)] on western slope
of Central Andes in southern Caldas, Vélez and Vélez, Dec. 1969 (Graves
& Restrepo, 1989:371).

HACIENDA LA MORENA; Meta ca. 0405/7258
181 m, near Puerto López [0405/7258 (USBGN)], ca. 75 km ESE of
Villavicencio [0409/7337 (USBGN)]; collector ?, date ? (Borrero,
1972b:401).

HACIENDA LA PLATA; Valle del Cauca ca. 0446/7557
930 m, on right bank of Río Cauca [0854/7428 (USBGN)], in Santa Ana

[0446/7557 (USBGN)] on western outskirts of Cartago [0445/7555 (USBGN)], Naranjo, 1981 (Naranjo, 1982a); Naranjo and Rodríguez, 13 Apr. 1981 (Naranjo & Rodríguez, 1981:218).

HACIENDA LA PRIMAVERA; Boyacá ? ca. 0700/7220 (FMNH)
7,000 ft [2,150 m], on Río Cobugón [0703/7205 (USBGN)], on eastern side of Eastern Andes, von Sneidern, May 1959 (FMNH; Blake, 1961:25ff, as "La Primavera"); probably in Norte de Santander.

HACIENDA LA REALIDAD; Meta ca. 0400/7320
ca. 300 m (MHA); between Río Guayuriba [0355/7305 (USBGN)] and Río Negrito [0408/7258 (USBGN)], ca. 35 km SE of Villavicencio [0409/7337 (USBGN)], Filiberto, 28, 30-31 Dec. 1947, 2 Jan. 1948, Nicéforo, 14-24 Jan. 1950, Nicéforo and Esteban, 19 Jan. 1950 (Nicéforo & Olivares, 1964:5, 12-13, as "La Realidad"; Serna, 1980:54, as "La Realidad"; Iafancesco, et al., 1985:42, 49, 62, as "La Realidad"; 1986:49, 81, as "La Realidad"; 1987:79, 88, 95, 120, 128, 141, as "La Realidad"; 1988:129, 143, 149, as "La Realidad").

HACIENDA LA SELVA (Nicéforo & Olivares, 1964:9); see La Selva, Norte de Santander.

HACIENDA LAS GUALAS; Meta Not located
350 m, ca. 60 km E of San Martín [0342/7342 (USBGN)] on Río Guamal [0343/7322 (USBGN)], Lehmann, 29 Feb., 4, 18 Mar. 1958 (Lehmann, 1960a:263; MVZ, also as "Las Gualas").

HACIENDA LAS MERCEDES; Cundinamarca ca. 0445/7422
Alt. ?; on western slope of Eastern Andes, NE of Tena [0440/7424 (USBGN)], 10 km W of Laguna de la Herrera [ca. 0442/7418 (IGAC [Bogotá]) in middle of Río Bogotá [0418/7448 (USBGN)] valley, upper edge of cloud forest, 2 Feb. year ? (Borrero & Hernández, 1961:439, 442, as "Las Mercedes"); not on our maps.

HACIENDA LAS MERCEDES; Tolima ca. 0402/7458
402 m, in upper Magdalena Valley, 35 km SW of Girardot [0418/7448 (USBGN)], near Guamo [0402/7458 (USBGN)], Olivares, 21 Dec. 1953 - 7 Jan. 1954, 18-19 Nov. 1956 (Olivares, 1957c:115-121).

HACIENDA LA SOFÍA (USNM); see La Sofía.

HACIENDA LAS VEGAS; Santander ca. 0704/7256
1,800 m, "18 km up the valley [= ? Río de Oro, 0710/7309 (USBGN)]

from Piedecuesta [0659/7304 (USBGN)], SE of Bucamaranga [0708/7309 (USBGN)]" (de Schauensee, 1952a:1132); Carriker, up to 8,500 ft [2,600 m], 5-20, 22-27, 29-31 Aug., 1 Sept. 1949 (USNM); Carriker, at 2,500-2,700 m, 2 Feb., 17, 23 Sept., 4 Dec. 1962, 24, 26 Mar., 2 Apr., May, 1-2 June, 22 July, 7 Dec. 1963, 9 Jan., 7, 25 June, 8 Aug. 1964, 2, 7 Feb., 7 June 1964 (WFVZ, also as "Las Vegas"; YPM; LACMNH, also as "Las Vegas"; LSU; MVZ, sometime as "Las Vegas"); Nicéforo & Olivares, 1964:8, as "Las Vegas."

HACIENDA LA VICTORIA; Cundinamarca ca. 0455/7427
ca. 1,500 m (MHA); several kms N of Albán [0453/7427 (USBGN)], Filiberto, 25 Jan. 1947 (Nicéforo, 1947:352, also as "La Victoria"); collector ? [Filiberto ?], 6 Jan. 1947 (Iafrancesco, et al., 1989:146, as "La Victoria"); Nicéforo, 18 Mar 1947 (Iafrancesco, et al., 1987:143, as "La Victoria"); although not listed in USBGN, MHA shows a La Victoria on the railway as it drops on the western slope of the Eastern Andes, between Albán and Sasaima [0458/7426 (USBGN)].

HACIENDA LA VICTORIA; La Guajira; see Dibulla.

HACIENDA MONTEBELLO; Santander ca. 0700/7325
760 m, in municipality of [?] Betulia [0705/7320 (USBGN)], on eastern slope of Cordillera de la Paz [0705/7325 (USBGN)] on left bank of Río Chucurí [0704/7322 (USBGN)], Borrero and Hernández, from 225 to ca. 1,000 m, 11-15 Nov. 1956 (Borrero & Hernández, 1957b:198-199; 1958:290); Borrero, Olivares, & Hernández, 1962:586, later place in the municipality of San Vicente de Chucurí [0655/7330 (USBGN)]; presumably at or near Montebello [0700/7325 (USBGN)] on western slope of northern Eastern Andes, ca. 28 km SW of Bucaramanga [0708/7309 (USBGN)] (MHA); Borrero & Hernández, 1957:199, also as "Monte Bello."

HACIENDA MOZAMBIQUE; Meta ca. 0400/7302
Alt. ?; 20 km SW Puerto López [0405/7258 (USBGN)], northern Meta, Naranjo, 29-30 July 1983 (Morales, 1988:502-503); Stiles, ca. 1989-1992 (Stiles, 1995a:121); collector ?, Feb. 1970, at Laguna Mozambique [presumably at Hacienda Mozambique], and Stiles, at same locality, Jan. 1993 (Collar & Wege, 1994, Bird Conserv. Intern., 5:370).

HACIENDA NAVAJAS Not located
Renjifo, 27 July 1946 (Nicéforo, 1947:374); probably has some connection with Navajas [0402/7256 (USBGN)], Meta, which see, as the dates seem to overlap.

HACIENDA NECHÍ; see Amagá.

HACIENDA OLAYA (LACMNH); see Olaya.

HACIENDA PALETARÁ (YPM); see Paletará.

HACIENDA POTREROS; Antioquia ca. 0639/7609 (USNM)
6,500 ft [2,000 m], 115 mi [error ?] SW of Frontino [0640/7608 (USBGN)], just N of Alto Martín [0638/7609 (USBGN)] in upper valley of Río Herradura [0650/7607 (USBGN)], on western slope of northern end of the Western Andes, pastures, forest, Carriker, 16-20, 22-27, 30-31 May, 1-3, 5-10, 13-17 June 1950 (USNM); not on our maps; see, also, Frontino.

HACIENDA SAN ANTONIO; Meta ca. 0402/7325
498 m, on Villavicencio [0409/7337 (USBGN)]/Puerto López [0405/7258 (USBGN)] highway, to E of Apiay [0405/7334 (USBGN)], collector ?, mainly in moist area along Caño Suria [ca. 0402/7325 (MHA)], date ? (Borrero, 1960a:498, 514); Nicéforo, 30 Jan., 1, 10-12 Mar. 1950 (Iafrancesco, et al., 1985:49, as "San Antonio"; 1987:79, 115, 127, 128, as "San Antonio"); Honorio and Esteban, 9 Feb. 1963 (Iafrancesco, et al., 1988:140, as "San Antonio, near Apiay"); identification of Nicéforo locality not certain.

HACIENDA SAN JULÍAN; Cauca Not located
Northern Cauca, Lehmann and Miller, Jan. 1959 (Lehmann, 1959a:224); possibly near San Julián [0305/7631 (USBGN)].

HACIENDA SAN MARTÍN (Iafrancesco, et al., 1985:60); see San Martín, Antioquia.

HACIENDA SANTA ISABEL; see Curumaní.

HACIENDA SANTANA; Santander ca. 0727/7308
300-600 m, on western slope of northern Eastern Andes, ca. 14 km NE of El Conchal [0717/7316 (USBGN)] (de Schauensee, 1952a:1132); formerly part of hacienda El Tambor [0719/7316 (USBGN)], which see (Carriker, 1955:59); cafetal, second-growth, and heavy forest, Carriker, 1,000-3,500 ft [300-1,050 m], 21-25, 27-30 Sept., 1-2, 4-21, 23-27 Oct. 1949 (USNM).

HACIENDA SANTA RITA; Santander Not located
1,500 m, Carriker, 17 Sept. 1962 (LACMNH); probably not collected by Carriker himself, as he is recorded as having been in Popayán [0227/7636 (USBGN)] four days earlier and one week later.

HACIENDA SOFÍA (USNM); see La Sofía.

HACIENDA TANANÉ; Meta ca. 0406/7330
498 m, hacienda next to Villavicencio [0409/7337 (USBGN)]/Puerto López [0405/7258 (USBGN)] road and E of Apiay [0405/7332 (USBGN)] (Borrero, 1960a:509, 514, as "Tanané"); Nicéforo, 7 May 1953 (Nicéforo, 1955a:174; Iafrancesco, et al., 1986:49, a "Tanane"); collector ?, 18 Nov. 1955 (ANSP, as "Tanané").

HACIENDA TÚNEZ; see La Pintada.

HACIENDA VERSALLES; Boyacá 0555/7325 (Snow & Snow, 1980:106)
1,700 m, cattle farm, with little natural vegetation, near Toguií [0555/7331 (USBGN)] in northern central Boyacá, ca. 50 km NNW of Tunja [0531/7322 (USBGN)], D. W. Snow and B. K. Snow, 27-30 July, 4-14, 23-24 Aug. 1978 (Snow & Snow, 1980:106); does not appear on our maps.

HACIENDA VILLACRISTIANA; Antioquia ca. 0755/7500
Alt. ?; in northeastern Antioquia in municipio of Caucasia [0755/7500 (USBGN)], observer ?, 4 Oct. 1991 (Anonymous, 1991c); not located on our maps.

HACIENDA VILLA MARÍA; Caquetá ca. 0115/7530
ca. 100 m (Atlas, 1977); on right bank of Río Orteguzaza [0043/7516 (USBGN)], ca. 45 km S [SE ?] of Florencia [0136/7536 (USBGN)], collector ?, date ?, (Nicéforo & Olivares, 1964:6, 9, as "Villa María"); Nicéforo, 27 Aug., 5 Sept. 1951, 9, 15, 8-20, 22-25, 28 Jan., 5, 22, 26 Feb., 12, 29 Mar., 3 Dec. 1954 (Serna, 1980:69, as "Villa María"; Iafrancesco, et al., 1985:48, 57, as "Villa María"; 1986:81, as "Villa María," p. 72, as "Villamaría"; 1987:69, 95, 103, 106, 116, 128, 131, 136, 142, as "Villa María"; 1989:142, as "Villamaría").

HACIENDA VILLAMIZAR (MVZ); see Finca Villamizar.

HACIENDA VISTA NIEVE; Magdalena 1105/7405 (USBGN)
4,000 ft [1,225 m], Carriker's hacienda on side of Cerro Quemado [1106/7403 (USBGN)], at western end of Cuchilla San Lorenzo [ca. 1110/7407 (IGAC [Mag.])], on northwestern side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 3 km SE of Cincinnati [1106/7406 (USBGN)], Carriker, 1911 to ? (Todd & Carriker, 1922:130; IGAC [Mag.], as "Vistanieves"; Carriker, 1959b:215); Carriker, 1 Apr., 26 Nov. 1912, 15 Jan., 29 Mar. 1923, 11, 23 Sept. 1926, 16 Jan., 18 Feb., 15 Mar., 9 Apr.,

10 June, 2, 20, 28 July 1927 (Carriker, 1955, Noved. Colombianas, no. 2, pp. 91, 93; CM), 1941-42 (USNM, as "Vista Nieve"); Olivares, 1958b:285, as "Vista de Nieve."

HACIENDA ZULAIBA; Antioquia ca. 0650/7528 (USNM)
8,700 ft [2,650 m], at northeastern end of Central Andes, ca. 17 km SSW of Yarumal [0658/7524 (USBGN)] and 18 km N of Santa Rosa de Osos [0639/7528 (USBGN)], on Medellín [0615/7535 (USBGN)]/Valdivia [0711/7527 (USBGN)] road, old fields, oak forests, bamboo, Carriker, 19-22, 24-29, 31 July, 1-6 Aug. 1950 (USNM).

HAGUÉ Not located
Boucard, 1892:81; probably an error for Ibagué [0427/7514 (USBGN)].

HAMACAYACU (Dugand & Borrero, 1946:134); see Amaca-yacú, Río.

HAMACAYACU, QUEBRADA (MHA); see Amaca-yacú, Río.

HAMACAYACU, RÍO (Dugand & Borrero, 1946:135); see Amaca-yacú, Río.

HARMONDE (de Schauensee, 1952a:1132); see Jamundí.

HATILLO; Antioquia 0625/7524 (USBGN)
ca. 1,400 m, on right bank of Río Porce [0728/7453 (USBGN)]; often called Río Medellín, 25 km NE of Medellín [0615/7535 (USBGN)], on eastern slope of Central Andes (MHA; IGAC [Antioquia]); collector ?, date ? (Nicéforo & Olivares, 1964:9).

HATO, EL; see El Hato.

HATO CANAIMA; Vichada ca. 0432/7105
ca. 200 m (Atlas, 1977); on Puerto Carreño [0612/6722 (USBGN)]/Villavicencio [0409/7337 (USBGN)] road, at Vichada/Meta border, collector ?, 24 Mar. 1971 (Olivares, 1974a:76).

HATO CAÑO TIGRE; Vichada ca. 0530/7020 ca.
200 m (Atlas, 1977); in north-central Vichada on Puerto Carreño [0612/6722 (USBGN)]/Villavicencio [0409/7337 (USBGN)] road, 350 km W of Puerto Carreño, collector ?, 12, 14 Mar. 1971 (Olivares, 1974a:68, 100); Hilty & Brown, 1986:ix, as "Hato El Tigre".

HATO EL TIGRE (Hilty & Brown, 1986:ix); see Hato Caño Tigre.

HATO LA ESPERANZA; La Guajira ca. 1110/7215
50 m, ranch at base of Alto de Cedro [1109/7215 (USBGN)], in northern Serranía de Perijá [1000/7300 (USBGN)], on Montes de Oca [1100/7225 (USBGN)], on Colombia/Venezuela border, Urbano, July-Aug. 1953 (Phelps & Phelps, Jr., 1955:47).

HELICONIA; Antioquia 0612/7545 (USBGN)
1,440 m, on western slope of northern Central Andes at head of Quebrada Guaca [0615/7552 (USBGN)], a short tributary of Río Cauca [0854/7428 (USBGN)], 20 km SW of Medellín [0615/7535 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1967:405).

HERBEO, PÁRAMO DE (Serna, 1980:17); see Herveo, Páramo de.

HERMOSAS, PÁRAMO DE, LAS; see Las Hermosas, Páramo de.

HERRADURA; Norte de Santander ca. 0810/7316
4,000 ft [1,225 m], a few huts, three or four hours travel from Ocaña [0815/7320 (USBGN)] on western side of northern Eastern Andes, but on eastern watershed, Wyatt, Feb. 1870 (Wyatt, 1871:map, 120, 320ff); Chapman (1917:646) gives coordinates of 0756/7330, but these apparently were read from Wyatt's map, which is generally displaced W and S of its correct alignment.

HERRADURA, RÍO; Antioquia 0650/7607 (USBGN)
Collector ?, "south of Frontino [0646/7608 (USBGN)] on upper part of Río Urrao [0620/7610 (USBGN)]," date ? (Nicéforo & Olivares, 1976b:9); there seems to be an error in the description of the locality; the Río Herradura is an affluent of the Río Cañasgordas [0651/7608 (USBGN)] entering the latter 10 km N of Frontino; the Río Urrao occurs 40 km S, originating on the southern side of Páramo Frontino [0628/7604 (USBGN)] and flowing to S, with no connection with Río Herradura.

HERRERA, ALTO DE; Norte de Santander ca. 0718/7215
1,100 m, N of Santa Librada [ca. 0706/7214 (IGAC [N. de Santander])], in Sarare region [ca. 0705/7210], S of middle Río Margua [0703/7205 (USBGN)], on eastern slope of northern Eastern Andes in extreme eastern Norte de Santander, subtropical, collector ?, date ? (Nicéforo, 1955b:180); in municipio Toledo [0718/7215 (USBGN)] (Dicc. Geog.).

HERRERA, LA; see La Herrera.

HERRERA, LAGUNA DE LA; see La Herrera, Laguna de.

HERVEO, PÁRAMO DE; Caldas 0505/7520 (USBGN)
ca. 3,000 m, in Central Andes, 17 km SSW of Marulanda [0517/7516 (USBGN)] and 24 km ENE of Manizales (0505/7532 (USBGN)) (MHA); near Marulanda, collector ?, 28 Aug. 1965 (Serna, 1980:17, as "Páramo de Herbeo").

HIGUERÓN; Atlántico 1030/7455 (USBGN)
ca. 100 m, in southern Atlántico, SE of Usiacuri [1045/7459 (USBGN)]; not on our maps; Dugand, in arroyo, Jan. 1940 (Dugand, 1940d:29).

HINGADÓR, RÍO (Schott, *in* Cassin, 1861:244); see Ingador.

HIROCA; Cesar ca. 0942/7305 (USNM)
ca. 1,200 m, on western slope of central Serranía de Perijá [1000/7300 (USBGN)], 41 km SSE of Agustín Codazzi [1002/7314 (USBGN)] and 23 km SE of Casacará [0950/7316 (USBGN)], near Venezuela border (USNM); de Schauensee, 1948a:282, as "Airoca," but 1952a:1124, corrected to "Hiroca," and in 1952a:1130, noted misprint "Eroca"; the presence of a "Quebrada Eroca" on IGAC [Cesar], 25 km S of Agustín Codazzi and the absence of "Hiroca" and "Airoca" on any map we have seen, suggests that "Eroca" may be the accepted spelling, although Dugand (1948a:184) also claims "Hiroca" is correct; Carriker, 3,500-7,000 ft [1,050-2,125 m], 21-28, 30 Mar., 1-4, 6-10 Apr., and below Hiroca, at 2,000 ft [600 m], 11 May 1942 (USNM; CM, as "Eroca").

HOLANDA, LA; see La Holanda.

HONDA; Cundinamarca (CU); see Honda, Tolima.

HONDA; Tolima 0512/7445 (USBGN)
230 m (de Schauensee, 1948a:304); on western bank of upper Río Magdalena [1106/7451 (USBGN)], at mouth of Río Guali [0512/7444 (USBGN)] (MHA); Detwiller [Detwiler], 5 Feb. 1888, on Río Magdalena, presumably at Honda (Stone, 1899:302); Detwiller [Detwiler], 17, 21, 23, 27, 29 Mar. 1889 (Stone, 1899:304-307); Robinson, 14 July 1892 (Todd, 1913, Ann. Carnegie Mus., 8:544; Robinson, 1895:118); Fuertes, 27-28 May 1911, 30 Jan., 2, 5-6, 9 Feb. 1913 (CU, also as "Honda, Cundinamarca"); Chapman, et al., 2-9 Feb. 1913 (Chapman, 1917:50); Nicéforo, July 1923, collector ?, Jan. 1939 (Iafrancesco, et al., 1985:62, 64; 1987:72); Nicéforo, date ? (Nicéforo, 1947:356); collector ?, date ? (Borrero, 1970b:702); Marinkelle, 14 Feb. 1965 (LACMNH), 29-30 Jan. 1967 (WFVZ); Kerr, 20 mi [32 km] W, 20 Feb. 1907 (Chapman,

1914:187); Fuertes, above Honda at 2,700 ft [800 m], 6 Feb. 1913 (CU); see, also, Hacienda el Triunfo.

HONDA, BAHÍA; La Guajira 1221/7147 (USBGN)
Very large bay at northwestern tip of Península de la Guajira [1200/7230 (USBGN)] (MHA); Serna, 1980 and/or 1981 (Serna, 1984:19).

HONDA, QUEBRADA; Arauca Not located
W of [Puerto] Rondón [0617/7106 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1966:391, as "Quebrada Honda, Boyacá").

HONDA, QUEBRADA; Boyacá (Nicéforo & Olivares, 1966:391); see Honda, Quebrada, Arauca.

HONDITA, BAHÍA; La Guajira 1224/7141 (USBGN)
Large, multi-armed bay with narrow access to the sea at the northern tip of Península de la Guajira [1200/7130 (USBGN)] (MHA); Serna, 1980 and/or 1981 (Serna, 1984:19).

HONDO, RÍO; Caldas 0542/7501 (USBGN)
Short tributary of Río Samana Sur [0542/7444 (USBGN)], rising on eastern slope of middle Central Andes (MHA; IGAC [Caldas]); Hershkovitz, Feb.-Mar. 1951, at 1,800-1,500 m (FMNH); see Samaná.

HONDO, RINCÓN; see Rincón Hondo.

HONDURAS; Cauca ca. 0235/7745 (Atlas, 1977)
ca. 500 m, 35 km SSW of López [0258/7714 (USBGN)] and 75 km WNW of Popayán [0227/7636 (USBGN)] (Atlas, 1977); in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on slopes of Cerro Munchique [0232/7657 (USBGN)], Negret, June 1988 (Negret, 1991:42).

HORMIGUERO; Cauca 0319/7629 (USBGN)
ca. 1,000 m (MHA); on left bank of upper Río Cauca [0854/7428 (USBGN)], 15 km S of Cali [0327/7631 (USBGN)] and 12 km NNW of Puerto Tejada [0314/7624 (USBGN)] (Mapa, Valle, 1973, as "El Hormiguero"); Lehmann, 8 Aug. 1957 (Lehmann, 1957:122, as "El Hormiguero").

HORQUETA, LA; see La Horqueta.

HOSPICIO; Cundinamarca 0440/7426 (USBGN)
ca. 1,300 m, railway station on western slope of central Eastern Andes,

45 km W of Bogotá [0436/7405 (USBGN)], 6 km NE of La Mesa [0438/7428 (USBGN)], and 11 km SSE of Anolaima [0446/7428 (USBGN)] (MHA); collector ?, date ? (Borrero & Hernández, 1961:442; Borrero, Olivares, & Hernández, 1962:593, both as "El Hospicio"); Borrero, date ? (MCZ, as "El Hospicio").

HOYA; see El Hoyo.

HOYO DEL AIRE; Santander 0608/7336 (USBGN)
ca. 1,800 m, on western slope of central Eastern Andes, 16 km NE of Vélez [0601/7341 (USBGN)] between Chipatá [0603/7339 (USBGN)] and La Paz [0611/7336 (USBGN)] (MHA); breeding site of *Steatornis caripensis*; collector ?, date ? (Dugand, 1948a:186).

HOYO, EL; see El Hoyo.

HUAYNÍA, RÍO (de Schauensee, 1948a:302); see Guainía, Río.

HUESO, LAGUNA DEL; Tolima ca. 0350/7505
In central southern Tolima in municipio Coyaima [0350/7505 (USBGN)] (Dicc. Geog.); apparently near Saldaña [0356/7501 (USBGN)] and Purificación [0351/7455 (USBGN)]; collector ?, date ? (Borrero, 1955:6).

HUILA, DEPARTAMENTO DEL 0230/7545 (USBGN)
South-central Colombia, embracing upper Magdalena Valley and E slope of Central Andes and W slope of Eastern Andes; bounded on N by Tolima, on NE by very small section of Cundinamarca, on E by Meta and Caquetá, on S and W by Cauca; well-populated in valley; principal city is Neiva [0256/7518 (USBGN)]; Brown, location ?, 10 Mar. year ? (Hilty & Brown, 1986:206).

HUISITÓ, RÍO; Cauca 0237/7711 (USBGN)
Rises on Pacific slope of Western Andes and flows NW to empty into Río Micay [0305/7732 (USBGN)], 75 km WNW of Popayán [0227/7636 (USBGN)] (Atlas, 1977); in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], collector ?, at 1,000 m, date ? (Negret, 1991:42)

HUMBO; Boyacá 0536/7417 (USBGN)
ca. 1,000 m, on western slope of central Eastern Andes, 16 km NE of Yacopí [ca. 0530/7423 (MHA)] (Atlas, 1977); collector ?, Aug. 1943 (Nicéforo, 1945:383).

IBAGUÉ; Tolima 0427/7514 (USBGN)
1,260 m (de Schauensee, 1948a:304); on Río Combeima [0419/7509 (USBGN)] on eastern side of Central Andes, 50 km NW of Girardot [0418/7448 (USBGN)] and 50 km ESE of Armenia [0431/75411 USBGN] (MHA); Chapman, 1917:647, as "Ibagüe"; Bourcier, date ? (Sclater, 1857:17); Detwiller [Detwiler], ca. 1888 (Stone, 1899:302); Fuertes, 21-23 May 1911 (CU); collector ?, date ? (Borrero, 1970:702); collector ?, W of Ibagué, date ? (Dugand, 1942:74); collector ?, 7 Oct. 1981 (Houston, 1990, Amer. Birds, 44:218); Boucard, 1892:81, as "Hagué," which is probably error for Ibagué.

IBAGÜE (Chapman, 1917:647); see Ibagué.

ICONONZO; Cundinamarca (Olivares, 1969b:131); see Icononzo, Tolima.

ICONONZO; Tolima 0411/7432 (USBGN)
1,304 m, site famous for its natural bridge, on western side of Eastern Andes, 12 km ESE of Melgar [0412/7439 (USBGN)] (MHA); Goudot, 1826 (Palmer, 1918:240); Fuertes, at 5,850 ft [1,780 m], 7, 12-13, 18, 20, 22, 25 Feb., 26-27, 31 Mar. 1913 (CU, as "Encononso"); Nicéforo, date ? (de Schauensee, 1946b:6; Nicéforo, 1947:339); collector ?, at 850 m, date ? (Dugand, 1948a:185); Olivares, 1969b:131, as "Icononzo, Cundinamarca"; Chapman, 1917:517, as "Enconosa"; de Schauensee, 1948a:304, as "Puente Natural de Icononzo."

ICONONZO, PUENTE NATURAL DE (de Schauensee, 1948a:304); see Icononzo.

IGARA PARANÁ; Amazonas 0209S/7147 (USBGN)
Major tributary on left bank of lower Río Putumayo [0307S/6758 (USBGN)], rising in west-central Amazonas (Atlas, 1977); collector ?, on lower Igará Paraná, date ? (de Schauensee, 1948a:552); Morales and Chaparro, 28 Aug. 1977 (Romero & Morales, 1981:291, as "Río Igará-Paraná").

IGARÁ-PARANÁ, RÍO (Romero & Morales, 1981:291); see Igará Paraná.

IGUAMIANDO (Chapman, 1917:647); see Jiguamiandó.

IGUANÁ, QUEBRADA LA; see La Iguaná, Quebrada.

IGUAQUE, RÍO; Boyacá 0544/7329 (USBGN)
Small river in interior of central Eastern Andes, originating in mountains

E of Leiva [0538/7334 (USBGN)] and flowing W to become Río Cane [0541/7332 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1965:39).

ILES; Nariño 0058/7732 (USBGN)
2,985 m, in southern interior central Nariño, 20 km NNE of Ipiales [0050/7737 (USBGN)] (MHA; Atlas, 1972); Mena, 24, 28, 30 Aug., 2 Sept. 1950 (ANSP).

ILUSIÓN, LA; see La Ilusión.

IMA; Norte de Santander ca. 0715/7220
Alt. ?; quebrada and hacienda in municipality of Toledo [0718/7215 (USBGN)], SE of town of Toledo [0719/7228 (USBGN)], León, 2, 14, 18 Apr. 1948 (Nicéforo & Olivares, 1964:5; Nicéforo, 1967:4, as "Hacienda Ima"; Iafrancesco, et al., 1985:64, as "Hacienda Ima"; 1986:43, as "Hacienda Ima"; 1988:119); Toledo is on eastern slope of northern Eastern Andes at headwaters of Río Margua [0703/7205 (USBGN)] (MHA).

IMA, HACIENDA (Nicéforo, 1967:4); see Ima.

IMAMADÓ, RÍO; Antioquia 0728/7637 (USBGN)
Short tributary of Río León [0756/7645 (USBGN)] rising in central Serranía de Abibe [0750/7630 (USBGN)], on western side of northernmost western Andes (MHA); Haffer, at 350 m in partially cleared foothills of Serranía de Abibe, 9-12 Apr. 1964.

IMUES; Nariño 0103/7731 (USBGN)
ca. 2,500 m, in Western Andes, 40 km W of Laguna de la Cocha [0105/7709 (USBGN)] and 33 km SW of Pasto [0113/7717 (USBGN)] (MHA); Hilty, June 1981 (Hilty & Brown, 1986:248).

INANÁ, LAGUNA (Dugand, 1952:2); see Uninaná, Laguna.

INDERENA, ESTACIÓN (LSU); see San Lorenzo, Cuchilla.

INDOSTÁN, HACIENDA; see Hacienda Indostán.

INFANTAS; Santander 0655/7346 (USBGN)
ca. 100 m, in valley of middle Río Magdalena [1106/7451 (USBGN)], 25 km SE of Barrancabermeja [0703/7352 (USBGN)] (MHA); collector ?, date ? (Olson, 1981:379).

INGADOR, RÍO; Chocó Not located
Small stream near Pacific, Schott, Wood, and Wood, Mar. 1859 (Cassin, 1860:193); Schott, *in* Cassin (1861:244), places this as a tributary of Río Nercua [0701/7730 (USBGN)] at headwaters of Río Truandó [0726/7707 (USBGN)] in northern Chocó, and spells it "Hingador."

INÍRIDA (WVZ); see Puerto Inírida.

INÍRIDA, PUERTO; see Puerto Inírida.

INÍRIDA, RÍO; Vaupés/Guainía 0355/6752 (USBGN)
Major tributary of Río Guaviare [0403/6744 (USBGN)] entering that river close to its confluence with Río Orinoco [0837/6215 (USBGN)], rising in north-central Vaupés and traversing central Guainía from SW to NE (Mapa, 1976); collector ?, date ? (Borrero, 1972b:401, as "Río Inírida, Vichada"); Fernández, at backwater Caraná [not located] at Alto Caribe [?/7035 (Borrero, 1955:7)], which is in upper part of river, probably in Vaupés, date ? (Borrero, 1955:7); Borrero (op. cit., p. 14) also places Fernández on Río Inírida near mouth of Río Papunáua which he puts at 70° 30' W, which is close to the USBGN's coordinates of 0209/7032 and where it is shown on MHA, but about 30' too far W according to the more recent Atlas, 1977 and Mapa 1976, both of which indicate the mouth is at the Vaupés/Guainía border; Hilty, on lower river, 23 Sept. 1978 (Hilty & Brown, 1986:508).

INSTITUTO DE CIÉNCIAS NATURALES (Borrero, 1946:172); see Ciudad Universitaria.

INTERNADO GUAJIRA; La Guajira ca. 1211/7117 (Marinkelle, 1970:16, map)
ca. 100 m, boarding school at northeastern base of Serranía de Macuira [1210/7120 (USBGN)] at tip of Península de Guajira [1200/7130 (USBGN)], ca. 1 km S of Nazareth [1211/7117 (USBGN)], xerophytic, Marinkelle, ca. 10-14 Jan. 1968 (Marinkelle, 1970:15-34).

INZÁ; Cauca 0233/7603 (USBGN)
1,754 m, in eastern central Cauca on eastern side of Eastern Andes, 60 km ENE of Popayán [0227/7636 (USBGN)] (MHA); Piño, nearby, 7 Feb. 1965 (YPM).

IPIALES; Nariño 0050/7737 (USBGN)
2,921 m, in southern Colombia on western drainage but deep in interior of Andes, at Ecuador border (MHA); Festa, 7 Jan. 1897 (Chapman, 1926:731,

as "Ipialis"); Willis, 16 May 1962 (Willis, 1988:138); Bailey, Apr. 1978 (Hilty & Brown, 1986:281).

IPIALIS (Chapman, 1926:731); see Ipiales.

IRRA; Caldas 0516/7540 (USBGN)
ca. 900 m, on middle Río Cauca [0854/7428 (USBGN)] opposite mouth of Río Tapias [0517/7540 (USBGN)] and 12 km W of Filadelfia [0517/7533 (USBGN)] (IGAC [Caldas]); collector ?, date ? (Borrero, 1972b:400, as "Valle del Irra").

IRRA, VALLE DEL (Borrero, 1972b:400); see Irra.

ISIDRO (Hellmayr, 1911:1189); see San Isidro.

ISLA, LA; see La Isla.

ISLA DE BARÚ; see Barú, Isla.

ISNO, EL (de Schauensee, 1945b:52); see Isnos.

ISNOS; Huila ca. 0155/7615 (Atlas, 1977)
ca. 2,000 m, on eastern slope near base of Central Andes on "new" road between Popayán [0227/7636 (USBGN)] and Magdalena Valley, 10 km NE of San Agustín [0153/7616 (USBGN)] (Atlas, 1977); von Sneider, 9-12 July, 21 Aug., 19 Sept. 1942 (de Schauensee, 1945b:52; 1946b:4, both as "El Isno"; ANSP, as "El Isno"); Snow (Check-list Birds of World, Vol. 8, p. 270, 1979) corrects "El Isno" to "Lomas de Isnos"; however, the latter is the name of nearby hills [0157/7615 (USBGN)] rather than the village of Isnos.

ISTMINA; Chocó 0510/7639 (USBGN)
65 m, on Pacific coastal plain, close to base of Western Andes on upper Río San Juan [0403/7727 (USBGN)], 60 km S of Quibdó [0542/7640 (USBGN)] and 7 km N of Andagoya [0506/7641 (USBGN)] (MHA); collector ?, date ? (Haffer, 1975:10); Pearman, 17 Oct. 1990 (Pearman, 1993:68).

ITAGÜÍ, Antioquia 0610/7536 (USBGN)
ca. 1,600 m, on western side of northern Central Andes, but on eastern drainage, at headwaters of Río Medellín [or Río Porce, 0728/7453 (USBGN)], 9 km SSW of Medellín [0615/7535 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1967:405); SAO observers, 1990 (Anonymous, 1990a); Gómez, et al., on highway between Itagüí and San

Antonio [de Prado, 0611/7549 (USBGN)], at 1,600 m, 15 Oct. 1989 (Anonymous, 1990c).

ITÉ, RÍO; Antioquia 0700/7415 (USBGN)
Tributary of Río Cimitarra [0728/7355 (USBGN)] an affluent of Río Magdalena [1106/7451 (USBGN)], rising on eastern side of northeastern extension of Central Andes, near Remedios [0702/7441 (USBGN)] (MHA); Salmon, in vicinity, ca. 1872-78 (Sclater & Salvin, 1879:489); Willis, in vicinity, 1-9, 11-14 May 1962 (Willis, 1967, Univ. California Publ. Zool., 79:119).

JACOPI (de Schauensee, 1948a:341); see Yacopí.

JAGUEY; La Guajira ca. 1056/7253
Alt. ?; in municipio of Fonseca [1050/7250 (USBGN)], NW of city of Fonseca [1054/7251 (USBGN)], Serna, Nov. 1980 (Serna, 1984:2, 22, 29; 1992a:22).

JAIMARAYA (de Schauensee, 1952a:1125); see Jamarraya, Quebrada.

JAMARAYA, RÍO (Hellmayr, 1911:1102); see Jamarraya, Quebrada.

JAMARRAYA, QUEBRADA; Risaralda 0513/7609 (USBGN)
Rises on northern side of Cerro Tatamá [0500/7606 (USBGN)] in central Western Andes and meets Río Tatamá [0513/7606 (USBGN)], an affluent of Río San Juan [0403/7727 (USBGN)] in Pacific drainage (MHA); Palmer, at Loma Hermosa [ca. 0512/7609], at 4,150 ft [1,350 m], 18-20, 22-23 Oct. and at La Selva [0455/7609 (USBGN) ?], at 4,600 ft [1,400 m], 1-2, 15 Oct. 1909 (Hellmayr, 1911:1102ff, as "Río Jamaraya"); von Sneider, at La Selva, at 6,000 ft [1,825 m], 6 Jan. (de Schauensee, 1950b:3) and at 7,000 ft [2,125 m], 31 Jan. (de Schauensee, 1948b:3), and at 2,100 m, 9 Feb. 1946 (von Sneider, 1954:12).

JAMARRAYA, RÍO (de Schauensee, 1948a:305); see Jamarraya, Quebrada.

JAMBOS, LOS (Hellmayr, 1936. Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt. 9, p. 202); see Los Tambos.

JAMPARADÓ, RÍO (de Schauensee, 1948a:305); see Jampavadó, Río.

JAMPAVADÓ, RÍO; Chocó 0712/7748 (USBGN)
Rises in extreme eastern Panama and joins Río Juradó [0706/7746 (USBGN)] 10 km inside northernmost Chocó and 6 km from the Pacific (MHA); von Sneider, 21 Sept., 17 Oct. [?], 17 Nov. 1940 (de Schauensee, 1945b:55, also, as "Río Jamparadó"; 1948a:305, as "Río Jamparadó"; FMNH; UMMZ; ANSP, as "Río Jamparaadó").

JAMUNDÍ; Valle del Cauca 0315/7632 (USBGN)
975 m, in upper Cauca Valley, at eastern base of Western Andes, 20 km S of Cali [0327/7631 (USBGN)] and just N of Río Claro [0312/7630 (USBGN)] (MHA); von Sneider, 5, 12, 14 Aug., 29 Oct., 15 Nov., 6, 17, 21, 23 Dec. 1944, 7, 10-14, 16, 18 Jan., 16 June, 4 July, 10 Sept., 1 Oct., 5, 25 Dec. 1945 (ANSP); Olivares, Apr., 17, 23 July 1949 (FMNH; Olivares, 1973:71, 110); Lehmann, 22 Apr., 4 May 1956, 31 Jan., 24 Feb., 23 Apr. 1957, collector ?, 9 Mar. year ? (Lehmann, 1957:106, 142; FMNH; LACMNH); Miller, 10 July 1958 (MVZ); Orejuela, et al., May 1976-Mar., July 1977, Apr., Oct., 1978 (Orejuela, et al., 1979; 1980:255-256; Orejuela, 1979:46).

JAPIO, HACIENDA; see Hacienda Japio.

JARAMILLO, HACIENDA; see Hacienda Jaramillo.

JARAQUIEL; Córdoba 0842/7557 (USBGN)
20 m (de Schauensee, 1948a:305); in Caribbean lowlands, 10 km SW of Montería [0846/7553 (USBGN)] on left bank of lower middle Río Sinú [0924/7549 (USBGN)] (MHA); Carriker, 30 Jan. (ANSP), 3-11 Mar. 1916 (Todd, 1917:4-6; CM); now deforested (Haffer, 1967a:351).

JARARA, SERRANÍA DE; La Guajira 1208/7132 (USBGN)
Range of hills, reaching a maximum altitude of 853 m at Cerro Aceite [1206/7131 (USBGN)], running NNW to SSE in middle of Península de la Guajira [1200/7130 (USBGN)] (MHA); Haffer, July 1960, at base at Calonka [ca. 1157/7140] and at Uitpa [ca. 1155/7128], which see.

JARRA, LA; see La Jarra.

JAVILLA (MHA); see La Javilla.

JAVILLA, LA; see La Javilla.

JENESANO; Boyacá 0523/7321 (USBGN)
2,500 m, on eastern side of central Eastern Andes, 13 km SSE of Tunja
[0531/7322 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares,
1965:48).

JERICÓ; Antioquia 0547/7547 (USBGN)
1,967 m, on eastern slope of Western Andes above middle Río Cauca
[0854/7428 (USBGN)], 55 km SSW of Medellín [0615/7535 (USBGN)]
(MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489), Nicéforo, 3
Dec. 1917, Serna, 19-20, 22 Aug. 1970, 19 Aug. 1979 [1970 ?] (Serna,
1980:42, 69, 72, 86-87).

JÉRIDAS, MESA DE; Santander 0646/7305 (USBGN)
ca. 1,500 m, extensive mesa on western slope of northern Eastern Andes,
25 km SSW of Piedecuesta [0659/7303 (USBGN)], 23 km N of San Gil
[0638/7308 (USBGN)], on right bank of Río Chicamocha [0646/7312
(USBGN)] (MHA); although USBGN and MHA use name Mesa de Jéridas,
other maps (e.g., Atlas, 1977) and local people (pers. obser.) call it "Mesa
de los Santos"; undulating, much cultivated (per. obser.); Etayo, at 1,310
m, 2 Nov. 1967 (Hernández & Romero, 1978:356, as "La Mesa de los
Santos"); Romero, 28 Mar. 1972 (Olivares & Romero, 1973:56, as "Mesa
de Santos").

JERIJERIMO (de Schauensee, 1952a:1132); see Jirijirimo, Raudal.

JERUSALÉN; Cundinamarca 0434/7442 (USBGN)
357 m, in middle Magdalena Valley on Río Seco [0432/7448 (USBGN)], 18
km W of Anapoima [0433/7432 (USBGN)] and 31 km NNE of Girardot
[0418/7448 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:361).

JESÚS DEL RÍO; Bolívar 0950/7452 (USBGN)
18 m, on left bank of lower Río Magdalena [1106/7451 (USBGN)], 27 km
SE of San Juan Nepomuceno [0957/7505 (USBGN)] (MHA); Echeverría,
date ? (Dugand, 1940d:35).

JIGUAMIANDÓ; Chocó ca. 0705/7645 (Atlas, 1977)
ca. 100 m, near mouth of Río Jiguamiandó [0701/7652 (USBGN)], an
affluent of lower Brazo de Murindó [0704/7654 (USBGN)], middle Atrato
Valley, eastern Chocó (Atlas, 1977); Chapman, 1917:647, cites this as

"Iguamiando," a Kerr (date ?) locality, in the "upper Atrato Valley" but this is certainly a misspelling of Jiguamiandó.

JIMÉNEZ; Valle del Cauca ca.0345/7645
1,600 ft [500 m], forested, near Los Mangos [now Juntas, ca. 0346/7645 (Mapa, Valle, 1973)] on Río Dagua [0352/7704 (USBGN)] (Hellmayr, 1911:1085-1086); tropical, Pacific slope of Western Andes, near Cisneros [0347/7646 (USBGN)] (Chapman, 1917:647, as "Jiminez"); collector ?, 24 July 1904 (CU, as "Jiminez"); Palmer, ca. 20 Feb.-28 May (Bangs, 1908b:160; MCZ) and ca. 12 June-9 Aug. 1907 (Hellmayr, 1911:1094ff), with known specific dates of 5, 15, 21 June, 10, 13, 20, 26 July, 6 Aug 1907 (UMMZ; MVZ; CM).

JIMINEZ (Chapman, 1917:647); see Jiménez.

JIRADOT (de Schauensee, 1948a:301); see Girardot.

JIRIJIRIMO, RAUDAL; Vaupés 0008/7039 (USBGN)
ca. 100 m, falls on Río Apaporis [0123S/6925 (USBGN)], 9 km SE of confluence with Río Cananarí [0009/7041 (USBGN)] (MHA); Medem, early 1952 (Dugand, 1952:1-2); de Schauensee, 1952a:1132, also, as "Jerijerimo."

JORDÁN; Magdalena 1117/7359 (USBGN)
ca. 400 m, in northern foothills of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 20 km E of Santa Marta [1115/7413 (USBGN)] (MHA); plantation in region of heavy forest within humid coastal belt (Todd & Carriker, 1922:115); near Cacagualito [ca. 1116/7400] (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:413); Smith, 11 May 1898 (Allen, 1900a:138ff; CM).

JORDÁN; Santander 0644/7307 (USBGN)
410 m, on Río Chicamocha [0646/7312 (USBGN)], an affluent of Río Sogamoso [0713/7356 (USBGN)], 20 km N of San Gil [0633/7308 (USBGN)], on western slope of northern Eastern Andes (MHA); Nicéforo, date ? (Nicéforo, 1945:390).

JORDÁN; Valle del Cauca 0331/7640 (USBGN)
ca. 1,500 m (Atlas, 1992), in Western Andes 20 km SW of Yumbo [0335/7628 (USBGN)] (Mapa Valle, 1973, as "El Jordán"); collector ?, date ? (Cantillo, 1983:72, as "El Jordán").

JUANAMBÚ (Nicéforo & Olivares, 1975:5); see Juanambú, Río.

JUANAMBÚ, RÍO; Nariño 0135/7725 (USBGN)
Affluent of middle Río Patía [0213/7840 (USBGN)] rising on western slope of extreme southern Central Andes and joining Río Patía shortly before it abruptly changes course toward N (MHA); Lehmann, in deep canyon [where ?], date ? (Lehmann, 1960a:267); Herschel and Bernal, at Puente de Juanambú [probably on main road at ca. 0125/7710], 24 June 1964 (Olivares, 1966a:388); Nicéforo & Olivares, 1975:5, as "Juanambú."

JUANCHACO (Cantillo, 1983:72); see Juanchaco, Canal de.

JUANCHACO, CANAL DE; Valle de Cauca 0355/7722 (USBGN)
Channel N of Isla de las Palmas [Isla Palmas, 0354/7721 (USBGN)] and S of Punta Magdalena [0356/7721 (USBGN)] and entering Bahía de Magdalena [Bahía de Málaga, 0355/7720 (USBGN)] to the E (MHA); collector ?, date ? (Cantillo, 1983:72, as "Juanchaco"); Gamboa, at sea 8 mi [13 km] from coast, 3 Jan. 1983 (Naranjo, 1983a:2); M. Hilkinge and P. Hilkinge, ca. 16 Oct. 1988 (Anonymous, 1988, as "Juanchaco").

JUANCHITO; Valle del Cauca 0328/7629 (USBGN)
985 m, port for Cali [0327/7631 (USBGN)], 5 km E of city, on western bank of Río Cauca [0854/7428 (USBGN)] (de Schauensee, 1948a:305; Mapa, Valle, 1973); collector ?, date ? (Chapman, 1917, pl. xv); Lehmann, 14 Sept 1948 and date ? (Lehmann, 1944a:188; 1957:105); Olivares, Mar. 1949 (FMNH).

JUAN FRÍO; Norte de Santander 0748/7228 (USBGN)
ca. 500 m, at eastern base of northern extension of Eastern Andes on Venezuela border, 11 km SSE of Cúcuta [0754/7231 (USBGN)] (Atlas, 1977); collector ?, date ? (Nicéforo & Olivares, 1967:409); Nicéforo, 4 Mar. 1948 (Serna, 1980:33).

JUAN MINA; Atlántico 1058/7454 (USBGN)
50 m (de Schauensee, 1948a:305, as "Juanmina"); on northern coastal plain, 12 km WSW of Barranquilla [1059/7448 (USBGN)] (MHA); semi-arid, collector ?, date ? (Dugand, 1947c:540, as "Juanmina").

JUANMINA (de Schauensee, 1948a:305); see Juan Mina.

JUMBO, PUNTA Not located
Batty, July 1898 (MCZ); possibly on Pacific coast as Batty was in vicinity of Cali [0327/7631 (USBGN)] for an extended period.

- JUNCAL, LAGUNA; Huila ca. 0258/7520
 Alt. ?; small, shallow lake in upper valley of Río Magdalena [1106/7451 (USBGN)], ca. 10 km SW of Neiva [02567/7518 (USBGN)], Coesel, et al., Nov. 1985 (Coesel, et al., 1988:199); not indicated on our maps.
- JUNCO, LAGUNA DE; La Guajira ca. 1029/7255
 7,500 ft [2,300 m], campsite on western slope of Cerro Pintado [1029/7255 (USBGN)] in northern part of Serranía de Perijá [1000/7300 (USBGN)], SE of Villanueva [1037/7259 (USBGN)], and above La Africa [ca. 1032/7256 (USNM)], Carriker, between 7,500-9,000 ft [2,300-2,750 m] 24-25, 27, 29-30 June, 1-2, 7-13, 16-18 July 1942 (USNM, as "Cerro Pintado Camp," "Camp Cerro Pintado," and "Camp Laguna de Junco"); since Cerro Pintado reaches only 3,000 m (MHA) and Carriker was close to this elevation, the coordinates of the lake must be close to those of the mountain; Borrero & Hernández (1957a:357) place lake at foot of Cerro Pintado, but this is certainly erroneous; de Schauensee, 1945b:46, as "Laguna del Juneo" and 1959:60, as "Laguna de Juncos"; see, also, Pintado, Cerro.
- JUNCOS, LAGUNA DE (de Schauensee, 1959:60); see Junco, Laguna de
- JUNEO, LAGUNA DEL (de Schauensee, 1945b:46); see Junco, Laguna de.
- JUNÍN; Nariño 0120/7809 (USBGN)
 1,100 m (Hilty & Brown, 1986:204, 297), on Pacific slope of Western Andes, 90 km SE of Tumaco [0149/7846 (USBGN)] and 25 km NW of Ricaurte [0113/7759 (USBGN)] (Atlas, 1977); Hilty, June, Sept. year or years ?, Ridgely, at 1,300 m, 12 July 1976 (Hilty & Brown, 1986:204, 297, 597); Pearman, below at ca. 900 m, 26 Aug. 1987 (Pearman, 1993:72); observer ?, Sept. 1993 (Barrera & Feliciano, 1994).
- JUNTAS; Cauca Not located
 1,300 m, in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on slopes of Cerro Munchique [0232/7657 (USBGN)], Negret, Nov. 1990, and between Tambito [ca. 0230/7700 (Atlas, 1977)] and Juntas, at 1,200 m, Sept. 1988, May 1989 (Negret, 1991:41, 44).
- JUNTAS; Chocó (Hellmayr, 1911:1194); see Juntas de Tamaná.
- JUNTAS; Valle del Cauca ca. 0346/7645 (Mapa, Valle, 1973)
 ca. 300 m, on left bank of Río Dagua [0352/7704 (USBGN)], on Pacific slope of Western Andes, 2 km SE of Cisneros [0347/7646 (USBGN)] and 37 km SE of Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973);

equivalent to Los Mangos (Hellmayr, 1911:1085); nearby but *not* equivalent to Cisneros (*contra* Chapman, 1917:649, as "Los Cisneros"); Delattre, before 1846 (Delattre & Bourcier, 1846:305); Rosenberg [collector ?], 17 May 1895, Palmer, 1 Aug. 1907 (Hellmayr, 1911:1092, 1158); Palmer, 8-9 Mar. 1907 (MCZ, as "Los Mangos"); collector ? [Palmer ?], 3 Aug. 1907 (CU); Richardson, 10-21 Mar. 1911 and Hopke, date ? (Chapman, 1917:649, as "Los Cisneros"); de Schauensee, 1948a: 342, cites "Juntas" as a misspelling.

JUNTAS DE TAMANÁ; Chocó 0459/7624 (USBGN)
405 ft [130 m] (Hellmayr, 1911:1118); 800 ft [250 m] (Chapman, 1912:144); on Río Tamaná [0500/7644 (USBGN)], a tributary of Río San Juan [0403/7727 (USBGN)], originating on NW face of Cerro Tamaná [0502/7617 (USBGN)] on western slope of central Western Andes, 12 km NE of El Tigre [0457/7631 (USBGN)] (MHA); tropical forest (Chapman, 1917: 647); Palmer, 30 July 1904 or 1907 (UMMZ); Palmer, 20, 23, 24, 26 Feb., 5, 9-11 Mar. 1909 (Hellmayr, 1911:1088ff, as "Juntas, Río Tamaná" or "Juntas"); Palmer, et al., 14-20 Dec. 1911 (Chapman, 1917:33, 647); date of 19 Dec. 1914 given by Chapman (1924b:9) is erroneous.

JURADÓ; Chocó 0707/7746 (USBGN)
Sea level, in extreme NW Chocó, on Pacific coast, at mouth of Río Juradó [0706/7746 (USBGN)] (MHA); collector ?, date ? (Haffer, 1967b:29).

JURADÓ, RÍO; Chocó 0706/7746 (USBGN)
Rises near Panama border in Cordillera de Juradó [ca. 0725/7755 (MHA)] and flows S to Pacific coast at Juradó [0707/7746 (USBGN)] (MHA); forest has been cleared from mouth of Río Jampavadó [0712/7748 (USBGN)] S to coast but above this there are only a few scattered clearings (Haffer, 1975:75); von Sneider, at altitude ?, 10 Jan., Feb., 4 Apr., 3, 19, 29-31 Aug., 1-23, 25-30 Sept., 1-22, 24-27, 31 Oct., 1-3, 6-13, 15-21 Nov. (Lehmann, 1943c:187; UMNZ; CM) and 9 Apr., 19 Sept. (de Schauensee, 1950b:2, 8), at 100 m, 4, 24 Sept., 22 Oct. (Lehmann, 1943a:167, 168, 172), and at 270 m, Nov. 1940 (Dugand, 1941a:56, 58); collector ? [von Sneider ?], 16 Sept., 12 Nov. 1940 (Iafrancesco, et al., 1987:97, 130); Haffer, near mouth of Río Jampavadó, 21-27 Mar. 1965 (Haffer, 1975:75); collector ?, at Juradó, date ? (Haffer, 1967b:29); von Sneider sometimes wrote as "Río Yurado" (FMNH).

JURUBIDÁ, RÍO; Chocó 0550/7717 (USBGN)
Very small stream originating on Serranía de Baudó [0600/7705 (USBGN)], S of Alto del Buey [0606/7713 (USBGN)] and emptying into Pacific at Punta Jurubidá [0550/7717 (USBGN)], central Chocó (MHA);

von Sneidern, 8, 24-26, 28-30 May, 1-7, 9, 11-30 June, 3 8-18, 22 July, 14-19 Aug. 1940 (ASNP); Carriker, on upper Río Jurubidá, from ?-1,100 ft [350 m], 11-17, 19-28, 30-31 Mar., 1-7 Apr. 1951 (USNM; Carriker, 1957, Noved. Colombianas, no. 3, p. 163); also see Buey, Alto de.

KÁITPAUOHU; La Guajira ca. 1212/7118 (Marinkelle, 1970:16, map)
ca. 100 m, ca. 3 km NW of Nazareth [1211/7117 (USBGN)] at northeastern base of Serranía de Macuira [1210/7120 (USBGN)], at tip of Península de la Guajira [1200/7130 (USBGN)], xerophytic, Marinkelle, ca. 10-14 Jan. 1968 (Marinkelle, 1970:15-34).

KATÍOS, PARQUE NACIONAL NATURAL; see Los Katíos, Parque Nacional Natural.

KASIMECH, SALINA (Serna, 1984:21); see Kasimesh, Salina.

KASIMESH, SALINA; La Guajira ca. 1155/7200
Sea level, salt flat in municipio of Uribia [1155/7200 (USBGN)] (Dicc. Geog.); Serna, 1980 and/or 1981 (Serna, 1984:21, as "Salina Kasimech").

KAYÚSPANAU; La Guajira ca. 1212/7118 (Marinkelle, 1970:16, map)
ca. 100 m, ca. 4 km NW of Nazareth [1211/7117 (USBGN)] at northeastern base of Serranía de Macuira [1210/7120 (USBGN)], at tip of Península de la Guajira [1200/7130 (USBGN)], xerophytic, Marinkelle, ca. 10-14 Jan. 1968 (Marinkelle, 1970:15-34).

KÉMIRRI, SALINA; La Guajira 1218/7151 (USBGN)
Sea level, large salt flat to the SW of Bahía Honda [1221/7147 (USBGN)] at northwestern tip of Península de la Guajira [1200/7130 (USBGN)] (Atlas, 1977); Serna, 1980 and/or 1981 (Serna, 1984:21).

KILOMETER 50; Valle del Cauca ca. 0331/7643
ca. 1,400 m, on western slope of Western Andes on middle Río Digua [0336/7657 (USBGN)] on old Cali [0327/7631 (USBGN)]/Buenaventura [0353/7704 (USBGN)] road, just beyond Queremal [0331/7643 (USBGN)], which is at Km 51, Willis, Mar. 1962 (Mapa, Valle, 1973; Willis, 1966c:59).

LA ÁFRICA; La Guajira ca. 1032/7256 5,300
ft [1,600 m], small farm on western slope of Sierra Negra [1037/7254 (USBGN)] portion of Serranía de Perijá [1000/7300 (USBGN)], S of Villanueva [1037/7259 (USBGN)], heavy forest above farm and low second-growth below, Carriker, 5,500-7,500 ft [1,700-2,300 m] 8, 10-13, 15-21 June 1942 (USNM); seems almost identical with village of Casa Peña [1033/7257 (USBGN)].

LA AFRICANA; La Guajira Not located
"Above" Villanueva [1037/7259 (USBGN)], in Serranía de Perijá [1000/7300 (USBGN)], Carriker, June 1942 (Carriker, 1954:14); presumably identical with La África, which see.

LA AGUADITA; Cundinamarca ca. 0425/7420
ca. 2,000 m, 5 km NE of Fusagasugá [0421/7422 (USBGN)], E of main highway, on western slope of central Eastern Andes (Atlas, 1977); forested [1913], Chapman, Fuertes, et al., 20, 23, 25-31 Mar., 4, 11 Apr. 1913 (Chapman, 1917:51, 640, as "Aguadita"; CU, as "Aguadita" and "Aguada"; YPM); collector ?, 25 June 1915 (Apolinar, 1916:31); collector ?, 12 Jan. 1918 (CU, as "Aguadita"); collector ?, Feb. 1924 (Iafrancesco, et al., 1988:117, as "Aguadita"); collector ?, date ? (Nicéforo, 1940:318, as "Aguadita"); Nicéforo, 1931 (Serna, 1980:36, as "Agudita"); collector ?, 1932, Sept. 1933, Apr. 1934, 21 Jan. 1938, Mar. 1939, Jan. 1942, 4 Mar. 1948 (Iafrancesco, et al., 1985:61, 63, as "Aguadita"; 1986:64, 69, as "Aguadita"; 1987:82, as "Aguadita"; 1989:146, as "Aguadita"; ANSP) Nicéforo, Apr. 1946 (Friedmann, 1947:491, as "Aguadita"); Olivares, 4, 24 Oct. 1958, Bernal, 4 Oct. 1958, 21 Feb., 13 Mar., 1, 7, 12 May, 3 June 1960, Arvey, 4 Jan., 17 Feb. 1960, Borrero, et al., 13, 15, 22 June, 6 July 1960 (LACMNH, sometimes as "Aguadita"); Carriker, 13 June 1962, 24 May 1963 (YPM); Borrero, date ? (MCZ); collector ?, below La Aguadita, date ? (Olivares, 1969b:235).

LA ALBANIA (Borrero, Olivares, & Hernández, 1962:586); see Albania, Santander.

LA ARENOSA; Norte de Santander 0806/7230 (USBGN)
ca. 100 m, former railway station, 25 km N of Cúcuta [0754/7231 (USBGN)], near Venezuelan border at eastern base of northern Eastern Andes (MHA, as "Arenosa"); Nicéforo, Apr. 1936, 15 Jan., 20 Feb. 1940, 12 June, 5, 8 Sept. 1944, 10 Mar., 7 Apr. 1948 (Nicéforo, 1945:389, 392; Dugand, 1945b:397; Iafrancesco, et al., 1985:53; 1987:72, 108; ANSP); railway and La Arenosa are not shown on recent maps (e.g., Atlas, 1977; IGAC [N. de Santander]).

- LA ARGENTINA; Boyacá ? ca. 0700/7215 (FMNH)
2,400 ft [750 m] (Blake, 1961:29); in eastern foothills of northern Eastern Andes on Río Cubugón [0703/7205 (USBGN)], von Sneider, May 1959 (FMNH; Blake, 1961:29ff); probably in Norte de Santander.
- LA ARGENTINA; Huila 0213/7602 (USBGN)
ca. 1,500 m, on eastern slope of Central Andes near head of Río de la Plata [0226/7553 (USBGN)] and 25 km SW of town of La Plata [0223/7553 (USBGN)] (MHA, as "Plata Vieja" Atlas, 1977); von Sneider 21 Feb., 5 Mar. 1945 (ANSP); Lehmann and Brown, Mar. 1961 and Dunning, below, 18-19 Dec. 1976 (Hilty & Brown, 1986: 573, 650, as "La Plata Vieja").
- LA ARGENTINA, FINCA; see Finca La Argentina.
- LA ARGENTINA VIEJA; Meta 0413/7241 (de Schauensee, 1948a:284)
260-280 m (de Schauensee, 1948a:284); farm in llanos, ca. 40 km E of Puerto López [0405/7258 (USBGN)] and ca. 120 km E of Villavicencio [0409/7327 (USBGN)], Nicéforo, 19-24 May 1946 (Nicéforo, 1947:329-330, 335).
- LA BAJA (USNM); see Angostura.
- LA Balsa; Córdoba ca. 0834/7605 (Haffer, 1959:5)
ca. 100 m (MHA); in northwestern Córdoba, ca. 40 km SW of Montería [0846/7553 (USBGN)] (Haffer, 1959:5); not on our maps; Haffer, ca. Jan.-Mar. 1959 (Haffer, 1959:4, 17).
- LA BARCA; Cauca ca. 0200/7706
Alt. ?; in municipio of Patía [0210/7705 (USBGN)] (Dicc. Geog.); SW of Patía [0204/7704 (USBG)], in upper valley of Río Patía [0213/7840 (USBGN)], near Olaya [not located], Negret, July-Aug. 1992 (Negret, 1992:46); Negret, between Potrerillos [not located] and La Barca, June 1991 (Negret, 1992:45).
- LABATECA; Norte de Santander 0718/7229 (USBGN)
1,566 m, in northern Eastern Andes on eastern slope on Río Chitagá [0714/7227 (USBGN)] 10 km from Venezuelan border and 20 km SE of Pamplona [0723/7239 (USBGN)] (MHA); Nicéforo, 2 Aug. 1950 (Serna, 1980:14); collector ?, W of Labateca on Río Chitagá, date ? (Nicéforo & Olivares, 1964:18).
- LA BERMEJA; Cauca ca. 0235/7710 (Atlas, 1977)
800 m (Negret, 1991:42, 43), on western slope of Western Andes, 70 km

WNW of Popayán [0227/7636 (USBGN)] (Atlas, 1977, as "Bermeja"); on Río Huisitó [0237/7711 (USBGN)], in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], Negret, Aug. 1988, Jan. 1991 (Negret, 1991:42, 43).

LA BETULIA; Cauca 0258/7643 (USBGN)
2,100 m (MVZ); in upper valley of the Río Cauca [0854/7428 (USBGN)], ca. 60 km WSW of Cali [0327/7631 (USBGN)], adjacent to Suárez [0257/7642 (USBGN)] (IGAC [Cauca], as "Betulia"; Atlas, 1977, as "Betulia"); Lehmann, 18 Apr., 5 July 1958, A. H. Miller, Sept. 1958 (MVZ, as "Betulia").

LA BODEGA; Antioquia ca. 0542/7507 (USBGN)
5,800 ft [1,750 m], on eastern slope of north-central Central Andes, on northern side of Río Negrito [0541/7503 (USBGN)] ca. 17 km E of Sonsón [0542/7518 (USBGN)], and S of Argelia [0543/7509 (USBGN)], Carriker, 12-27, 29 June, 2, 5, 7-11 July 1951 (USNM); IGAC [Caldas] shows La Bodega on southern side of Río Negrito and close to its confluence with Río Samaná [Sur, 0542/7444 (USBGN)], very close to border with Caldas; see, also, Sonsón, Páramo de.

LA BODEGA; Huila 0317/7455 (USBGN)
ca. 500 m, near mouth of valley on western slope of southern Eastern Andes, on Río Cabrera [0326/7507 (USBGN)], an affluent of upper Río Magdalena [1106/7451 (USBGN)] (MHA, as "Bodega"); Miller, at 2,000 ft [600 m], 28 Feb. 1949 (Miller, 1952a:455, as "Bodega").

LA BOQUILLA; Bolívar 1029/7530 (USBGN)
ca. sea level, at northwestern end of Ciénaga de Tesca [1027/7530 (USBGN)], 8 km NE of Cartagena [1025/7532 (USBGN)] (Atlas, 1977); collector ?, Mar. 1979 (Naranjo, 1991a); Naranjo, 3 Oct. 1978, Mar., Apr. 1979 (Hilty & Brown, 1986:164, 171, 178).

LABORES; Antioquia 0645/7535 (USBGN)
ca. 2,500 m, in central Antioquia, 45 km N of Medellín [0615/7535 (USBGN)] and 35 km SSW of Yarumal [0658/7524 (USBGN)] (Atlas, 1992); near Yarumal, collector ?, 9 July 1966 (Serna, 1980:86); collector ?, at Páramo de Santa Inés [0648/7543 (USBGN)], 7-8 Apr. 1988 (Serna, 1992a:14).

LA BOYA, CAYO DE; San Andrés y Providencia ca. 1550/7945
Largest of cays forming Banco Serranilla [ca. 1550/7945 (Atlas, 1977)], few hundred yards long and ca. 100 yards [300 m] wide, grass-covered,

Vanderbilt, 19 Mar. 1941 (Bond & de Schauensee, 1944:10, as "Seranilla Keys" and "Beacon Key").

LA BRAVERA; see Yarumal.

LA CABAÑA; Cundinamarca 0504/7456 (USBGN)
Alt. ?; in central northern Cundinamarca, W of Zipaquirá [0502/7400 (USBGN)] and Las Vegas [0504/7350 (USBGN)]; not shown on available maps; Olivares and Bernal, 12 Sept. 1965 (Serna, 1980:99, as "Las Vegas (La Cabaña)").

LA CADENA; Santander Not located
1,840 m, Carriker, 16, 21, 23 June, 16 July, 5 Aug., 7 Sept., 13, 18 Nov., 21 Dec. 1964 (MVZ).

LA CAIMANERA; Tolima 0407/7449 (USBGN)
ca. 400 m, on right bank of upper Río Magdalena [1106/7451 (USBGN)], 10 km E of Espinal [0407/7453 (USBGN)] and 24 km S of Girardot [0418/7448 (USBGN)] (MHA, as "Caimanero"); collector ?, date ? (Nicéforo & Olivares, 1968:273); Nicéforo, 27 July 1952 (Iafrancesco, et al., 1985:52); Isaza, 20 Feb. 1971 (Serna, 1980:32).

LA CALDERA; Cundinamarca 0505/7401 (USBGN)
ca. 2,650 m (MHA); not shown on our maps, but on outskirts of Zipaquirá [0502/7400 (USBGN)] at northern end of Sabana de Bogotá; collector ?, date ? (Nicéforo & Olivares, 1967:414).

LA CALERA; Cundinamarca 0443/7358 (USBGN)
2,718 m, 18 km NE of Bogotá [0436/7405 (USBGN)] and 7 km ENE of Usaquén [0442/7402 (USBGN)], near eastern edge of Sabana de Bogotá (MHA); Borrero, 15 Feb. 1942 (Borrero, 1946:171); Esteban, 23 Dec. 1948 (Iafrancesco, et al., 1987:137); collector ?, 12 Nov. 1949 (Iafrancesco, et al., 1988:109); Olivares, Oct. 1952 (FMNH); collector ? [Olivares ?], 4 Nov. 1952 (LACMNH); Rojas and Gutiérrez, 1987 (Stiles & Rosselli, 1988); Rojas, et al., ca. 16 Oct. 1988 (Anonymous, 1989, as "Parque de la Calera").

LA CALERA, PARQUE DE (Anonymous, 1988); see La Calera.

LA CAMELIA; Antioquia ca. 0605/7545
1,800 m, cafetal at one of headwaters of Río Amagá [0606/7552 (USBGN)] SW and short distance from Angelópolis [0607/7543 (USBGN)] on western

slope of Central Andes, Fuhrmann and Mayor, date ? (de Schauensee, 1948a:290); not on our maps.

LA CAMPANA; Caquetá ca. 0025S/7218
ca. 200 m, on Río Yari [0023S/7216 (USBGN)], ca. two hours by boat
from its mouth on Río Caquetá [0308S/6446 (USBGN)], Borrero, Nov.
1980, Feb. 1981 (Borrero, 1983).

LA CAÑA; Córdoba 0853/7615 (USBGN)
ca. 50 m, in northwestern Córdoba, 12 km from sea and 42 km WNW of
Montería [0846/7553 (USBGN)] (MHA, as "Boca de la Caña"); collector ?,
date ? (Borrero, 1972b:398).

LA CANDELA; Huila ca. 0150/7620 (Atlas, 1977)
5,000-5,500 ft [1,525-1,675 m] (de Schauensee, 1945b:9, 10); 6,500 ft
[2,000 m] (Chapman, 1917:647); 7,000 ft [2,150 m] (USNM); altitude of
2,270 m given by von Sneider (1954:9) probably erroneous; on eastern
slope of Central Andes at head of Magdalena Valley, 8 km SSW of San
Agustín [0153/7616 (USBGN)] (Atlas, 1977); thick, very tall forest [1912],
Miller, 8-20 May 1912 (Chapman, 1917:46, 647); von Sneider, 2, 9, 22,
30 July, 5, 12, 14-31 Aug., 1-2, 4-19, 21 Sept. 1942 (de Schauensee,
1945a:9; 1945b:10; 1947b:117; UMMZ; CM; ANSP); Carriker, 29-30
Apr., 5-10, 12-18 May 1952 (USNM); Chapman, 1923b:7, as "Candela."

LA CAPILLA (Nicéforo & Olivares, 1976a:24); see Hacienda la Capilla.

LA CAPILLA, HACIENDA; see Hacienda la Capilla.

LA CARO (Borrero, 1953aa:3); see La Caro, Estación.

LA CARO, ESTACIÓN; Cundinamarca 0452/7402 (USBGN)
2,540 m, railway station near Chía [0452/7404 (USBGN)], on Sabana de
Bogotá, marshes along edge of Río Bogotá [0418/7448 (USBGN)],
collector ?, date ? (Borrero, 1953aa:3, 6); not shown on our maps; Chía is
30 km N of Bogotá [0436/7405 (USBGN)] (MHA).

LA CASCADA; Valle del Cauca 0336/7651 (USBGN)
350 m (Hilty, 1977:45); on western slope of Western Andes in valley of Río
Dagua [0336/7657 (USBGN)], at Km 77 on old road to Buenaventura
[0353/7704 (USBGN)] (Mapa, Valle, 1973); Russell, Apr. 1972 (LSU);
Hilty, 18 June 1975, Hilty, et al., at Km 74, 450 m, 3 Aug. 1975 (Hilty,
1977:44ff); collector ?, date ? (Borrero, 1970b:702; 1972b:400); Willis,

above La Cascada at ca. 700 m, 28 Mar. 1962 (Willis, 1966c:59, as, "La Cascadas").

LA CASTILLA; Valle del Cauca 0330/7635 (USBGN)
1,600 m (de Schauensee, 1952a:1128); on eastern slope of Western Andes, 13 km NW of Cali [0327/7631 (USBGN)] and 4 km E of San Antonio [0330/7638 (USBGN)] (Mapa, Valle, 1973); Batty, 28 Mar., 4-5 Apr., 11, 13, 25 June, July, 18 Aug. 1898 (MCZ, as "Castilla Mts," "Castella Mts," "Castile Mts," "El Castila," "Rancho Castile," and "Castilla, Cauca," all presumably this locality; CU, as "Castillo").

LA CAUCA (ANSP); see El Cauca, Cesar.

LA CAUCA, ISLA; Cauca Not located
Brown, 1 July 1904 (CM); presumably associated with Isla Gorgona [0259/7812 (USBGN)], where Brown is known to have been from 19 June-2 July 1904.

LA CECILIA; Caldas (UMMZ); see Santa Cecilia, Risaralda.

LA CEIBA; Arauca (Blake, 1961:25ff); see La Ceiba, Boyacá.

LA CEIBA; Boyacá ca. 0700/7210 (FMNH)
ca. 400 m, in eastern foothills of northern Eastern Andes on Río Cobaría [0703/7204 (USBGN)] (FMNH); von Sneider, sometime between Mar. and May 1959 (FMNH; Blake, 1961:25ff); although von Sneider labeled his specimens as being from Arauca (see Blake, 1961), the Río Cobaría is confined to Boyacá; collector ?, date ? (Borrero, 1972b:399, places in Arauca, also).

LA CEJA; Antioquia 0602/7526 (USBGN)
2,217 m; on eastern slope of Central Andes, ca. 20 km SE of Medellín [0615/7535 (USBGN)]; Nicéforo, July 1916 and date ? (Nicéforo, 1923:321; 1945:388); Nicéforo, 5 July 1919 (Serna, 1980:81); Escobar, 5 Mar. 1936, Serna, 21 Dec. 1967, collector ?, 9 Mar. 1966, 6 June 1975, 15 Aug. 1976, Serna and Ocampo, at Pantanillo [not located; probably refers to nearby headwaters of Río Pantanillo, also called Río Nare, at 0614/7516 (USBGN)], 4 Dec. 1968 (Serna. 1980:10, 38, 59, 73, 85, 93); Olarte, 1992 ? (Peña, 1992).

LA CHAMBA; Tolima 0402/7452 (USBGN)
323 m (Borrero, 1972b:401); on middle Río Magdalena [1106/7451 (USBGN)], 25 km S of Girardot [0418/7448 (USBGN)] and 13 km E of

Guamo [0402/7458 (USBGN)] (MHA, as "Puerto de Chamba"); collector ?, date ? (Borrero, 1972b:401); Isaza, 11 July 1971, Serna and Isaza, 6 Nov. 1971 (Serna, 1980:44, 63).

LA CHINA, QUEBRADA; Norte de Santander Not located
Tributary on left bank of Río Cubugón [0703/7205 (USBGN)] (Nicéforo, 1955b:180); on eastern slope of northern Eastern Andes, probably in Sarare region [ca. 0705/7210], which see; collector ?, in headwaters at 1,100 m, subtropical, date ? (Nicéforo, 1955b:180, 181).

LA CHORRERA; Nariño 0103/7734 (USBGN)
2,500-2,600 m, village destroyed by landslide in 1936, ca. 37 km SW of Pasto [0113/7717 (USBGN)] and 6 km SE of Túquerres [0105/7737 (USBGN)] in valley of Río Sapuyes [0102/7729 (USBGN)], an affluent of Río Guáltara [0134/7727 (USBGN)] (de Schauensee, 1952a:1115); not shown on our maps but coordinates indicate this locality corresponds to Ospina [0103/7734 (USBGN)] and on western drainage (MHA); Mena, ca. Aug.-Sept. 1950 (de Schauensee, 1951b:1, 2).

LA CITA; Cundinamarca 0445/7402 (USBGN)
2,600 m (de Schauensee, 1951a:[096]); does not appear on our maps, but is on Sabana de Bogotá, at northern outskirts of Bogotá [0436/7405 (USBGN)]; Borrero, May 1952 (FMNH).

LA CLARA, QUEBRADA; Antioquia ca. 0540/7553
On Río Tapartó [0543/7554 (USBGN)] in municipio of Andes [0540/7553 (USBGN)], Betancur, 1993 (Betancur, 1994).

LA COCHA (Borrero, 1970b:702); see La Cocha, Laguna de.

LA COCHA, LAGO DE (Nicéforo & Olivares, 1964:14); see La Cocha, Laguna de.

LA COCHA, LAGUNA (Hilty & Brown, 1986:81); see La Cocha, Laguna de.

LA COCHA, LAGUNA DE; Nariño 0105/7709 (USBGN)
2,800 m (de Schauensee, 1952a:1129); large lake, source of Río Guamués [0032/7633 (USBGN)], on eastern slope, 20 km SE of Pasto [0113/7717 (USBGN)] (MHA); collector ?, 1947 (Negret, 1997:45); (Borrero and Lumsden, 19 Feb. 1950 (Olivares, 197c:8; FMNH); González, Borrero, and Lumsden, sometime between Feb-Mar. 1950 (Borrero, 1952b:1-3, 12); A. H. Miller, 19 Nov. 1958 (MVZ, as "La Cocha, Lago Guamués"); collector ?, date ? (Borrero, 1970b:702, as "La Cocha"); Hilty, June 1981 (Hilty &

Brown, 1986:81, as "Laguna la Cocha"); Negret, 1989, 1993, 1994 (Negret, 1997:45); Nicéforo & Olivares, 1964:14, as "Lago de la Cocha."

LA COLORADA; Arauca 0604/7208 (de Schauensee, 1948a:295)
ca. 600 m, on eastern lower slope of central Eastern Andes, just W of llanos, on Quebrada [la] Colorada [ca. 0604/7208 (IGAC [Casanare])], an affluent on left bank of upper Río Casanare [0602/6951 (USBGN)] (de Schauensee, 1948a:295); IGAC [Casanare] shows Quebrada la Colorada to be in Arauca, thus the site cannot be in Boyacá as recorded by de Schauensee; Carriker, 3, 23, 27-30 Apr. 1917 (Todd, 1919:113, 114; Carriker, 1955:52, 55, both as "La Colorado, Boyacá"; CM; ANSP); collector ?, date ? (Borrero, 1960a:488-489).

LA COLORADA; Boyacá (de Schauensee, 1948a:295); see La Colorada, Arauca.

LA COLORADA; Meta Not located
400 m, ranch in llanos SE of San Martín [0342/7342 (USBGN)] between Caño Chunaipo [not located] and Laguna de Aguasucia [not located], (Borrero, 1960a:488, 513); Borrero and Velasquez, 21 Nov., 5 Dec. 1955 (ANSP, as "La Colorada, vereda de planos" and "Vereda");

LA COLORADA, RÍO DE; Santander 0658/7353 (USBGN)
Small right bank tributary of middle Río Magdalena [1106/7451 (USBGN)] rising in foothill ca. 50 km SE of Barrancabermeja [0703/7352 (USBGN)] (MHA); collector ?, date ? (Olson, 1981:381).

LA COLORADO (Todd, 1919:113); see La Colorada, Arauca.

LA CONCEPCIÓN; La Guajira ca. 1103/7327 (MHA)
ca. 800 m, on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], ca. 5 km NNE of El Pueblito [1059/7327 (USBGN)] (MHA, as "Concepción"); Brown, 27-29 Jan., 6-20, 22-24 Feb., 1-4, 2-27, 29-31 Mar., 4-6, 14 Apr. 1899 (Bangs, 1899a:94ff; 1901:64; 1902:88; 1908a:163; MCZ; UMMZ; LACMNH); Brown worked in both tropical and subtropical zones, densely forested (Todd & Carriker, 1922:115).

LA CONSULTA, CIÉNAGA; Santander ca. 0735/7340
In municipio of Puerto Wilches [0735/7340 (USBGN)] (Dicc. Geog.); swamp formed by Río Lebrija [0808/7347 (USBGN)], in middle Magdalena Valley, Romero, 10 Aug. 1971 (Olivares & Romero, 1973:61, 64).

LA CORCOVA; Santander

ca. 0715/7254

1,700-2,030 m (LSU); on western slope of northern Eastern Andes, in municipality of Tona [0715/7254 (USBGN)], 26 km by road SW of Tona [0712/7259 (USBGN)], Romero, date ? (Olivares & Romero, 1973:45); Carriker, 15 Jan. 1957, 27 Jan., 25, 27 Sept., 12, 19, 24 Oct., 11, 26 Nov., 10 Dec. 1961, 27 Jan., 6 Feb., 4 Mar., 17, 20, 27 May, 10, 15 June, 16 July, 8, 21 Aug., 1 Sept., 14, 19, 24 Oct. 1962, 3, 30 Jan., 18, 20-25 Feb., 1, 3-4, 6, 21 Mar., 1, 19, 30 May, 13 June, 7 July, 1, 4 Aug., 27 Oct., 18 Nov., 14, 28-30 Dec. 1963, 15, 17, 29 Jan., 9, 13-14, 17 Feb., 3, 13, 17, 24 Mar., 6, 13 May, 13 Sept. 1964 (LSU; WFVZ, also as "Corcova" and "San Corcova"; YPM; MVZ, as "Corcova" and "La Corcova"; LACMNH, also as "Corcova"); Carriker, 17 Jan. 1964 (MVZ); Carriker, above at 2,200 m, 29 June, 1, 25 July, 30 Oct. 1964 (MVZ, also as "Corcova" and "Corcora"); probably a hamlet on road from Bucaramanga [0708/7309 (USBGN)] to Pamplona [0723/7239 (USBGN)], close to the former; Olson, 1983a:104, as "Corcova."

LA COROCORA, HACIENDA; see Hacienda la Corocora.

LA COSTA; Cauca

Not located

1,000 m, in Western Andes ca. 10 km N [?; see below] of Cerro Munchique [0232/7657 (USBGN)], von Sneider, 15 Jan., 28 May, 18-19, 20, 22-24, 28-30 Aug., 21, 30 Oct., 7, 19 Nov., 25 Dec. 1937 (von Sneider, 1954:10-11; ANSP), 10, 12, 14, 18, 27 Jan., 26 Feb., 19, 22-30 Mar., 28 May, 19, 25 Aug., 30 Oct., 22, 28 Nov. 1938 (UMMZ, as "El Tambo [0225/7649 (USBGN)], La Costa"; ANSP), 17 Aug. 1944 (ANSP), at 1,000 m, 15 Feb. 1937 (Lehmann, 1944b:409) and 8 Mar. 1935, at altitude ?, 18 Aug. 1935, at 1,100 m, 9 Mar., and at 2,300 m, 5 May, at 1,000 m, 24, 26 June, 30 July, at 1,600 m, 9 July, at 800 m, 27 July, at 1,900 m, 25 Sept., at 1,800 m, 5 Oct. 1936, at 1,200 m, 12 May, at 900 m, 19 May, at 1,200-1,300 m, 3 Oct., 18, 20 Nov., and at 1,000 m, 21 Oct. 1937 (Gyldenstolpe, 1941:6-15); Orozco, 1959 (Iafrancesco, et al., 1989:133); Carriker, Nov. 1961 (LSU); von Sneider, various dates, 1936-38, label data places on *western* side of Cerro Munchique (FMNH); de Schauensee, 1948a:296 and Lehmann, 1944b:409, also place on Pacific [western] slope below Cerro Munchique; also see El Tambo, as this name is often associated with La Costa on von Sneider's specimen labels.

LA COSTA; Huila

Not located

von Sneider, 30 Mar. 1939 (ANSP); probably in vicinity of La Plata [0223/7553 (USBGN)] southwestern Huila, where von Sneider also was on this date.

LA CRISTALINA, HACIENDA; see Hacienda La Cristalina.

LA CRUZ (Wyatt, 1871:120); see Ábrego.

LA CUAJADA, HACIENDA; see Hacienda La Cuajada.

LA CUCALINA, QUEBRADA; Norte de Santander ca. 0728/7234
An affluent of Río Pamplonita [0820/7221 (USBGN)], collector ?, date ?
(Nicéforo & Olivares, 1967:413); de Schauensee (1951a:1105) places this
stream below Pamplonita [0733/7229 (USBGN)], which is in interior of
northern Eastern Andes on eastern drainage, and the collecting site at
1,730-1,800 m; Pamplonita is at ca. 2,000 m (MHA); N of Pamplona
[0723/7239 (USBGN)], Nicéforo, 11, 14 June 1949, 19 Sept. 1950,
Filiberto, Jan., Filiberto and Juan, Apr., Filiberto and Nicéforo, July, 11
Nov. 1950 (Nicéforo, 1967:4, 6; Iafrancesco, et al., 1985:61).

LA CUEVA; Boyacá 0625/7221 (USBGN)
ca. 3,500 m, on eastern side, but western drainage, of central Eastern
Andes, in extreme northeastern Boyacá, on western slope of Sierra Nevada
del Cocuy [0625/7218 (USBGN)] (MHA); mostly pasture and cultivated
fields, Romero, ca. 22 Dec. 1971 - 4 Jan. 1972 (Olivares, 1974b: 39).

LA CUEVA; Cauca; see Munchique, Cerro (1).

LA CUEVA; La Guajira ca.1101/7256
ca. 600 m (MHA); at northeastern base of Sierra Nevada de Santa Marta
[1050/7340 (USBGN)], ca. 15 km NW of Fonseca [1054/7251 (USBGN)],
and just S of Pajales [ca. 1102/7256 (MHA)] and Los Gorros [ca.
1103/7258], dry, some virgin forest with trees 25-35 ft [8-11 m] high,
second-growth, Carriker, in vicinity and from 1,300-2,800 ft [400-850 m],
10-14, 16-30 Apr. 1945 (USNM).

LA CUMBRE; Magdalena ? Not located
7,500 ft. [2,300 m], in Sierra Nevada de Santa Marta [1050/7340
(USBGN)], Carriker, 4 Feb., 8 Aug. 1926 (FMNH; CM).

LA CUMBRE; Valle del Cauca 0339/7633 (USBGN)
1,580 m, on Pacific slope, at crest of Western Andes, 21 km NNW of Cali
[0327/7631 (USBGN)], on old road to Buenaventura [0353/7704 (USBGN)]
(MHA); Carriker, 3, 6 Apr., 9-13, 15-16, 24-28 July, 1 Aug. 1918 (Todd,
1928, Ann. Carnegie Mus., 18:358; Carriker, 1955:61; UMMZ; CM;
ANSP); Miller, 1 km SE, at 5,800 ft [1,750 m], 27 May 1958 (MVZ);

collector ?, date ? (Cantillo, 1983:72); not same as Las Lomitas [Lomitas, 0338/7638 (USBGN)], *contra* Todd, 1942, Ann. Carnegie Mus., 29:365.

LA CURVA; Santander ca. 0655/7330
600 m, on western slope of northern Eastern Andes at southern end of Cordillera de la Paz [0705/7325 (USBGN)], in municipality of San Vicente de Chucurí [0655/7330 (USBGN)], Borrero and Hernández ?, Nov. 1956 ? (Borrero & Hernández, 1956:197ff; Borrero, Olivares, & Hernández, 1962:586).

LA DEPRESIÓN; Valle del Cauca ca. 0335/7700 (USBGN)
Alt. ?; in municipio Buenaventura [0335/7700 (USBGN)] (Dicc. Geog.); in valley of Río Anchicayá [0346/7710 (USBGN)] on western slope of Western Andes, NW of Cali [0327/7631 (USBGN)], various persons, 15 Aug. 1943 (Lehmann, 1944c:413).

LA DISPENSA (USNM); see Socorré.

LA DOMINGA; Norte de Santander Not located
1,300 m, in canyon of Río Saravita [ca. 0707/7219 (IGAC [N. de Santander])] an affluent on right bank of middle Río Margua [0703/7205 (USBGN)], on eastern slope of northern Eastern Andes in extreme eastern Norte de Santander, subtropical (Nicéforo, 1955b:178, 181; IGAC [N. de Santander]); collector ?, date ? (Nicéforo, 1955b:178).

LA DONJUANA; Caldas (Serna, 1980:96); see La Donjuana, Norte de Santander.

LA DONJUANA; Norte de Santander 0742/7236 (USBGN)
734 m, on Río Pamplonita [0820/7221 (USBGN)], 33 km SW of Cúcuta [0754/7231 (USBGN)] on eastern slope of northern Eastern Andes (MHA); Nicéforo, 30 May 1941, 8 Aug. 1949, 30 Sept., 16 Sept., 16 Dec. 1954, 9-10 Dec. 1955 (Nicéforo, 1947:368; Serna, 1980:66, as "La Selva (La Donjuana)", p. 96, as "La Selva (La Donjuana), Caldas"; Iafrancesco, et al., 1985:62; 1988:127; 1989:141; ANSP).

LA DORADA; Caldas 0527/7440 (USBGN)
174 m, on western bank of upper middle Río Magdalena [1106/7451 (USBGN)], 30 km NNE of Honda [0512/7455 (USBGN)] (MHA); southern limit of heavy forest in valley (de Schauensee, 1948a:298); Gómez, date ? (Borrero, 1955:3); collector ?, date ? (Borrero, 1970b:702, as "Dorada"; 1972b:400, both as "La Dorada" and "Dorada"); Arvey, 5 Apr. 1960

(LACMNH); Marinkelle, 22 May 1963, 15-16 May 1965, 23 May 1966 (WFVZ, also as "Dorada"; UMMZ, also as "La Dorada, Tolima").

LA DORADA; Tolima (UMMZ); see La Dorada, Caldas.

LADRILLEROS; Valle del Cauca 0339/7656 (USBGN)
1,800 ft [300 m] (Sibley, 1958:449); on western slope of Western Andes on Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road, 32 km SE of former and 45 NW of latter, at Km 89 (Atlas, 1977; Mapa, Valle, 1973, as "Anchicayá"); Sibley, June 1952 (Sibley, 1958:449, as "Anchicayá"); Lehmann, 28 Apr. 1958 (MVZ, as "Anchicayá"); collector ?, date ? (Cantillo, 1983:72, as "Anchicayá").

LA ELSA; Valle del Cauca 0335/7647 (USBGN)
3,300 ft [1,000 m], on western slope of Western Andes on old Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road, between Anchicayá [Ladrilleros, 0339/7656 USBGN] and Queremal [0331/7643 (USBGN)] on middle Río Digua [0336/7657 (USBGN)], Sibley, June, 27, 29 July 1956 (Sibley, 1958:449; CU); deforested in 1930s, tropical/subtropical avifauna, Lehmann, 1956, between 800-1,200 m (Lehmann, 1957:126, 149); Lozano, at Km 61, 22 Apr. 1957 (LACMNH); collector ?, date ? (Dugand, 1948a:177); Willis, Mar. 1962 (Willis, 1966c:59).

LA ELVIRA; Valle del Cauca 0331/7636 (USBGN)
ca. 2,000 m, on eastern slope of Western Andes, 15 km NW of Cali [0327/7631 (USBGN)] (Atlas, 1977; Mapa, Valle, 1973); Lehmann, 2 May 1957 (LACMNH).

LA ENCARNACIÓN; Antioquia 0628/7612 (USBGN)
ca. 1,500 m, on western slope of Western Andes on western side of Páramo Frontino [0628/7604 (USBGN)] and on Río Encarnación [0624/7615 (USBGN)], a tributary of Río Penderisco [0636/7624 (USBGN)] (IGAC [Antioquia]); Hershkovitz, May 1951 (FMNH; Blake, 1955:22, as "Encarnación").

LA ENSENADA; Nariño 0242/7805 (USBGN)
ca. sea level, on large island at mouth of Bocana Domingo [0244/7807 (USBGN)] on coast of northern Nariño (Atlas, 1977); with Parque Nacional Natural Sanquianga, Naranjo, et al., Jan.-Feb. 1992 (Naranjo, 1993:30, as "Ensenada").

LA ESMERALDA; Antioquia Not located
In extreme northern Antioquia, in vicinity of Caucasia [0800/7512 (USBGN)] and Río Cauca [0854/7428 (USBGN)], Cadavid, 8 km transect between Caucasia, La Esmeralda, and Hacienda la Cistalina [not located], 4 Oct. 1990 (Anonymous, 1990b:20).

LA ESMERALDA; Magdalena Not located
On Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Marinkelle, 18 July 1968 (UMMZ).

LA ESPERANZA; Cesar ca. 0957/7318 (Atlas, 1977)
ca. 100 m, on Río Casacará [0954/7320 (USBGN)], an affluent of Río Pernambuco [ca. 0945/7340 (Atlas, 1977)], 18 km SW of Agustín Codazzi [1002/7314 (USBGN)] (de Schauensee, 1948a:299; Atlas, 1977); Carriker, 26-31 July, 1, 3-8 Aug. 1942 (USNM); Wetmore, 1970:774, as "Hacienda la Esperanza."

LA ESPERANZA, HATO; see Hato la Esperanza.

LA ESTERLINA; Santander ca. 0655/7330
320 m, on western slope of northern Eastern Andes at southern end of Cordillera de la Paz [0705/7325 (USBGN)], in municipality of San Vicente de Chucurí [0655/7330 (USBGN)], Borrero and Hernández ?, 1956 ? (Borrero & Hernández, 1957:191ff; Borrero, Olivares, & Hernández, 1962:586).

LA ESTRELLA; Antioquia 0610/7539 (USBGN)
ca. 1,600 m, in Central Andes on western slope, 15 km SW of Medellín [0615/7535 (USBGN)] and 8 km N of Caldas [0605/7538 (USBGN)] (MHA); collector ?, 3 Apr. 1966, 5 Apr. 1968, Serna and Arango, 13 June 1971 (Serna, 1980:59, 105).

LA FLORESTA; Antioquia (Serna, 1980:100); see Usaqué.

LA FLORESTA; Cundinamarca; see Usaqué.

LA FLORESTA, QUEBRADA; Norte de Santander 0819/7226 (USBGN)
Small river rising on lower eastern slopes of northern Eastern Andes, near Cúcuta [0754/7231 (USBGN)], flowing N to join Río Zulia [0904/7218 (USBGN)] at Puerto Villamizar [0819/7226 (USBGN)] near Venezuelan border (MHA); Nicéforo, locality and date ? (Nicéforo, 1945:373); Nicéforo, 24 km N of Cúcuta, Sept. 1944 (Dugand, 1945b:397).

LA FLORIDA; Cauca ca. 0235/7655
2,200-2,400 m, on eastern slope, near crest of Western Andes, W of Popayán [0227/7636 (USBGN)] and NE of Cerro Munchique [0232/7657 (USBGN)] (de Schauensee, 1948a:299); Miller and Richardson, 5-9 July 1911 (Chapman, 1917:30, 647).

LA FLORIDA; Cundinamarca 0442/7407 (USBGN)
ca. 2,600 m, on Sabana de Bogotá in municipality of Engativá [0443/7409 (USBGN)] on western outskirts of Bogotá [0436/7405 (USBGN)], near Laguna de la Florida [ca. 0443/7409 (IGAC [Bogotá])] (IGAC [Bogotá]); collector ?, date ? (Olivares, 1969b:100); Ortiz von Halle, date ? (Ortiz von Halle, 1987a); Barreto, et al., ca. 16 Oct. 1988 (Anonymous, 1989); also see La Florida, Laguna de.

LA FLORIDA; Valle del Cauca (MHA); see Florida.

LA FLORIDA, LAGUNA DE; Cundinamarca ca. 0443/7409 (IGAC [Bogotá])
ca. 2,600 m, lake within park on Sabana de Bogotá in municipality of Engativá [0443/7409 (USBGN)], on western outskirts of Bogotá [0436/7405 (USBGN)] near Aeropuerto Internacional Eldorado (IGAC [Bogotá]; Borrero, 1944:229); Munévar, Mar. 1944 (Borrero, 1944:230); collector ?, date ? and collector ?, 2 Mar. 1952 (Borrero, 1952a:10); Hilty, et al., 30 July 1978 (Hilty & Brown, 1986:141, as "Parque la Florida"); Fjeldså, 3, 5 Oct. 1981 (Fjeldså, 1986, as "Parque la Florida"; 1993:226, as "Parque de la Florida"); Lozano, et al., 16 Oct. 1989 (Anonymous, 1990c); also see La Florida, Cundinamarca.

LA FLORIDA, PARQUE (Fjeldså, 1986); see La Florida, Laguna de.

LA FRIJOLERA; Antioquia ca. 0710/7525
5,000 ft [1,500 m], in virgin forest [1915] in lower subtropical zone on western slope of Central Andes above Puerto Valdivia [0718/7523 (USBGN)] on lower Río Cauca [0854/7428 (USBGN)], Miller and Boyle, 29 Dec. 1914-4 Jan. 1915 (Chapman, 1917:58, 647 [years erroneous]); near Valdivia [0711/7527 (USBGN)] (de Schauensee, 1948a:300).

LA GALLERA; Cauca ca. 0235/7655
5,700 ft [1,750 m] (Chapman, 1912:155, as "Gallera"); 7,000 ft [2,350 m], road laborers' camp, impenetrable, virgin, subtropical forest [1911], on western slope of most eastern ridge of southern Western Andes, Miller and Richardson, 26 June-4 July 1911 (Chapman, 1917:32, 646, pl. x, as "La Gallera"; CU); shown to be near to and NE of Cocal [0231/7700 (USBGN)] (Chapman, 1917, pl. 1); in Parque Nacional Natural Munchique [0244/7701

(WCMC)] on slopes of Cerro Muchique [0232/7657 (USBGN)], on Río San Joaquín [0239/7707 (USBGN)], Negret, at 1,750 m, Mar. 1989, at 1,500 m, July, at altitude ?, Nov. 1990, at 1,900 m, Jan. 1991, at 1,750 m, Feb.-Oct. 1993, and at Km 75 on route from La Romelia [0502/7518 (USBGN)] to La Gallera, Oct. 1990, Granados, at 1,700 m, Jan. 1985 (Negret, 1991:41-43, usually as "Gallera"; 1997c:88).

LA GARITA; Norte de Santander 0745/7232 (USBGN)
ca. 500 m, on lower eastern slope of northern Eastern Andes, 17 km SSW of Cúcuta [0754/7231 (USBGN)] on right bank of Río Pamplonita [0820/7221 (USBGN)] (IGAC [N. de Santander]); Nicéforo, 4 Apr. 1937 (Nicéforo, 1948:201); Carriker, 13-14, 17-18 Apr. 1961 (YPM).

LA GARITA, PUNTA; Bolívar 1048/7516 (USBGN)
Point extending into the Caribbean on the Bolívar/Atlántico border (Atlas, 1977, as "Punta de la Garita"); Ashcraft, 15 mi [24 km] offshore, 25 Apr. 1939 (LACMNH, as "Punta Galera").

LA GARITA, PUNTA DE (Atlas, 1977); see La Garita, Punta.

LAGARTOS, CLUB LOS; see Los Lagartos, Club.

LA GLORIA; Cesar 0837/7348 (USBGN)
60 m (de Schauensee, 1948a:301); on right bank of lower middle Río Magdalena [1106/7451 (USBGN)], 3 km SE of Puerto Sagoc [0838/7349 (USBGN)] and 24 km W of Ayacucho [0836/7335 (USBGN)] (IGAC [Cesar]); Carriker, 17 May (Carriker, 1960, Noved. Colombianas, 1:318; Nicéforo & Olivares, 1964:12) and 22 May 1943 (USNM, as "Puerto Sagoc, La Gloria"); collector ?, between La Gloria and Gamarra [0820/7345 (USBGN)], date ? (Borrero, 1972b:398).

LA GOAJIRA (de Schauensee, 1945b:44); see La Guajira, Península.

LA GÓMEZ; Santander 0723/7333 (USBGN)
ca. 100 m, 57 km NW of Bucaramanga [0708/7309 (USBGN)] on railway to Puerto Wilches [0721/7354 (USBGN)] (MHA); Palmer, 25 Aug. 1928, 12 km S, 18 July 1928, 13 km S., 14, 24 July, 6 Oct., 9, 11, 14, 16, 20, 30 Dec. 1928, and 20 km S, 15 Dec. 1928 (MVZ); Carriker, at 700-900 m, 17, 24, 28 Oct. 1960, 14-15, 17, 20, 22-24 Jan., 10, 15, 22 Mar., 29 Apr., June, 15 Aug., 21 Nov. 1961, 21, 31 July, 14 Aug., 19 Oct. 1962, on road to Gómez, at 600 m, 19 Oct. 1962, 14 Jan. 1963 (FMNH, as "Gómez"; WFVZ, as "Gómez"; YPM, as "Gómez; LACMNH, as "Gómez"; LSU, as "Gómez"); identification uncertain because the altitudes given are

considerably above that of La Gómez; although FMNH described this as "near Bucaramanga," it is possible that this is the Gómez at 0615/7323 (USBGN), not shown on our maps, which is ca. 105 km SSW of Bucaramanga, apparently on the highway, near Guadalupe [0615/7325 (USBGN)].

LA GUAJIRA, DEPARTAMENTO DE 1130/7230 (USBGN)
Encompassing extreme northeastern Colombia, including Península de la Guajira [1200/7130 (USBGN)] and its base; bordered on W by Magdalena and Cesar, on E by Venezuela and the balance by the Caribbean and Gulf of Venezuela; generally flat and arid with a few hills at distal end of Península but SW part of the department includes southeastern Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and a portion of the western slope of Serranía de Perijá [1000/7300 (USBGN)], which are wetter; Ríohacha [1133/7255 (USBGN)] principal town; Serna, location ?, 1967 (Serna, 1980:100, as "Guajira"); Dunning, location ? (22 Jan. 1971 (ANSP).

LA GUAJIRA, HACIENDA; see Hacienda la Guajira.

LA GUAJIRA, PENINSULA DE; La Guajira 1200/7130 (USBGN)
Arid peninsula, ca. 200 km in length, on northeastern coast, separating Gulf of Venezuela from Caribbean; small portion of southeastern coast and southern base in Venezuela; much frequented by ornithologists; see specific sites, e.g., Nazareth, Puerto López, Serranía de Macuira, etc.; Todd & Carriker, 1922:115, as "Goajira"; in Venezuela also known as "Península de la Goajira"; de Schauensee, 1945b:44, as "La Goajira."

LA GUAYACANA (von Sneidern, 1954:9); see Guayacana.

LA GUAYANA (de Schauensee, 1947b:118); see Guayana.

LAGUNA (MHA); see La Laguna.

LAGUNA, LA; see La Laguna.

LA GUNETA; Caldas (MCZ); see Laguneta, Quindío.

LA GUNETA; Cauca (Aveledo & Gines, 1952, pp. 8-9); see Laguneta, Quindío.

LAGUNETA; Caldas (ANSP); see Laguneta, Quindío.

LAGUNETA; Quindío ca. 0435/7530
10,300 ft [3,150 m], posada on western slope of Central Andes, on old Quindío Trail between Salento [0438/7534 (USBGN)] and Ibagué [0427/7514 (USBGN)], a short distance W of Boquerón del Quindío [0438/7532 (USBGN)], but see note under Boquerón del Quindío regarding probable error, "primitive," temperate forest, Allen and Miller, 28 Aug.-13 Sept. 1911 (Chapman, 1917:32, 647, pl. vii); Chapman and Fuertes, at 9,000 ft [2,750 m], 18 May 1911 (Chapman, 1925:1; CU); von Sneidern, at 7,000 ft [2,125 m], 30 Mar., at altitude ?, 8 Apr., and at 10,000 ft [3,050 m], 9 Apr. 1942 (*in litt.* to FMNH; de Schauensee, 1946a:8; 1946c:5, 8); von Sneidern, 3, 9-10, 12-13, 16-31 Mar., 1, 4-22, 25, 27, 29 Apr., 21 May, 8 June 1942 (UMMZ; ANSP, as "Laguneta, Caldas"); Allen and Miller specimens labeled "La Guneta" (MCZ); Aveledo & Gines, 1952, Noved. Cient. Mus. Hist. Nat. La Salle, Ser. Zool., no. 6, pp. 8-9, as "La Guneta, Cauca," doubtless a lapsus.

LAGUNILLAS; Boyacá 0615/7238 (USBGN)
3,300-3,400 m (de Schauensee, 1948a:306); on eastern side, but on western drainage, of central Eastern Andes in extreme northeastern Boyacá, on southwestern slope of Sierra Nevada del Cocuy [0625/7225 (USBGN)] in municipality of El Cocuy [0625/7225 (USBGN)] (Olivares, 1974b:39); Carriker, 13-17, 19-20 Mar. 1917 (Todd, 1919:115, 116; Carriker, 1955:53; CU; CM); Romero, ca. 22 Dec. 1971 - 4 Jan. 1972 (Olivares, 1974b:39ff); not on our maps but the description seems to fit the Lagunillas of USBGN.

LA HABANA; Valle del Cauca 0352/7607 (USBGN)
1, 500 m (CU); in upper Río Cauca [0854/7428 (USBGN)] valley, 10 km ESE of Buga [0354/7617 (USBGN)], on Río Guadalajara [0351/7621 (USBGN)] (Mapa, Valle, 1973); Lehmann, 12 June 1956 (CU).

LA HERRERA; Cundinamarca 0442/7418 (USBGN)
ca. 2,600 m, on Sabana de Bogotá, 20 km NW of Bogotá [0436/7405 (USBGN)] and 4 km SW of Mosquera [0443/7414 (USBGN)] (IGAC [Bogotá]); collector ?, 1 June 1916 (Apolinar, 1916:110); González, 13 May 1913 (Chapman, 1914:170); see, also, La Herrera, Laguna de

LA HERRERA, LAGUNA DE; Cundinamarca ca. 0442/7418 (IGAC [Bogotá])
ca. 2,600 m, small, marshy lake on Sabana de Bogotá at La Herrera [0442/7418 (USBGN)], 20 km W of Bogotá [0436/7405 (USBGN)] and 4 km SW of Mosquera [0443/7414 (USBGN)] (IGAC [Bogotá]; Andrade, 1994); González, May 1913 (FMNH); Méndez, 25 Oct. 1914 (Apolinar, 1915:15); Abadía, 22 Jan., 6 Feb. 1916 (Apolinar, 1916:47, 61); collector

?, Mar. 1920, Abadía, 25 Sept. 1923 (Niséforo, 1923a:323, 328); Niséforo, Nov. 1925, Dec. 1936 (Niséforo, 1945:369); collector ?, 7 Dec. 1942 (Borrero, 1945a: 408); collector ?, 7 Feb. 1943 (Dugand, 1948a:163); Salazar, Nov. 1943, Borrero, 1943, Mar. 1944 (Borrero, 1944:230-231; 1946:170); Borrero, Nov. 1944 (Borrero, 1945:411); collector ?, Jan. 1945 (Borrero, 1945:409); Niséforo, 5 Aug. 1945 (Serna, 1980:19); Borrero, Apr. 1960 (FMNH); Olivares, 30 Aug. 1961 (Olivares, 1973:72); Naranjo, 30 Mar.-19 May 1988 (Naranjo, 1995:90); Fjeldså, 11 Oct. 1981 (Fjeldså, 1993:226); see, also, La Herrera, which is sometimes used when referring to the lake (e.g., Borrero, 1972b:254).

LA HOLANDA; Cundinamarca 0442/7415 (USBGN)
2,555 m (de Schauensee, 1948a:303); hacienda on Sabana de Bogotá, ca. 24 km W of Bogotá [0436/7405 (USBGN)] and 2 km SW of Mosquera [0443/7414 (USBGN)] (IGAC [Bogotá]); González, May 1913 (FMNH); erroneously placed 26 mi [42 km] NE of Bogotá by Chapman (1917:647); said by de Schauensee, 1948a:304, often to be misspelled "La Olanda."

LA HOLANDA, HACIENDA; see Hacienda la Holanda.

LA HORQUETA; Magdalena ca. 1109/7356 (MHA)
2,100 m (MHA); mountain on eastern side of Cuchilla San Lorenzo [ca. 1110/7407 (IGAC [Mag.])], to which it is connected by a ridge, in northwestern Sierra Nevada de Santa Marta [1050/7340 (USBGN)], heavily forested [1922], very humid, Smith, at Las Nubes [ca. 1110/7356] at 4,500 ft [1,400 m] on northwestern slope, Nov.-Dec. 1898 and 10-25 Mar., 13 Apr. 1899 (Todd & Carriker, 1922:116; Allen, 1900a:130ff) and at Onaca [1111/7404 (USBGN)], also on northwestern slope, at 680 m, ca. 28 Nov. 1898 - 21 Jan. 1899 (Allen, 1900a:130ff; 1900b:365) and Jan. 1900 (Todd & Carriker, 1922:120).

LA HORQUETA; Valle del Cauca ca. 0329/7639 (Mapa, Valle, 1973)
2,200 m, on crest of Western Andes, Lehmann, date ? (Lehmann, 1957:143, as "Cerro de la Horqueta"); Lehmann and Willis, 27 Apr. 1966 (Wills, 1988:139, as "Cerro la Horqueta"); Cerro de la Horqueta seems to be at La Horqueta, a hamlet 1.5 km SSW of San Antonio [0330/7638 (USBGN)] off road from Cali [0327/7631 (USBGN)] (Mapa, Valle, 1973); also see San Antonio, Valle del Cauca.

LA HORQUETA, CERRO DE LA(Lehmann, 1957:143); see La Horqueta, Valle del Cauca.

LA HORQUETA, CERRO LA (Willis, 1988:139); see La Horqueta, Valle del Cauca.

LA IGUANÁ (Serna, 1980:73); see La Iguaná, Quebrada.

LA IGUANÁ, QUEBRADA; Antioquia ca. 0615/7535 (Serna, 1977:29)
Stream rising on Cerro Boquerón [0620/7515 (USBGN)] 15 km E of Medellín [0615/7535 (USBGN)] and discharging into Río Medellín [or Río Porce, 0728/7453 (USBGN)] within the city, Serna, along canyon from 1,538 m to 3,100 m, 23 July 1974 - 29 Dec. 1975 (Serna, 1977:28-29); Serna, 5 Oct. 1966 (Serna, 1980:73, as "La Iguaná").

LA ILUSIÓN; Antioquia 0801/7505 (USBGN)
ca. 50 m, on left bank of lower Río Cauca [0854/7428 (USBGN)], 13 km ENE of Caucasia [0755/7500 (USBGN)], northernmost Antioquia (Atlas, 1977); Cadavid, between here and Esmeraldas [not located], on banks of Río Cauca [0854/7428 (USBGN)], at 75 m, 4 Oct. 1991 (Anonymous, 1991b:32).

LA ILUSIÓN, HACIENDA; see Hacienda la Ilusión.

LA ISLA; Cundinamarca Not located
There are several localities bearing this name in Cundinamarca but which one was meant by Olivares (1969b:69) is not known; collector ?, date ? (Olivares, 1969b:69).

LA JARRA; Norte de Santander 0813/7226 (USBGN)
ca. 100 m, station on old railway at eastern base of northern Eastern Andes, 37 km NNE of Cúcuta [0754/7231 (USBGN)] and 5 km W of Venezuela border (MHA); Nicéforo, 1944 (Nicéforo, 1947:376).

LA JAVILLA; Norte de Santander 0816/7226 (USBGN)
35 m (Nicéforo, 1948:205); station on old railway, 48 km NE of Cúcuta [0754/7231 (USBGN)], near Venezuelan border, at eastern base of northern Eastern Andes, Nicéforo, 30 Aug. 1934 [1944 ?], 10, 30 Aug., 10 Sept., 10, 24 Nov., Dec. 1944 (MHA, as "Javilla"; Nicéforo, 1945:385, 392; 1947: 338ff; 1948:205; Iafrancesco, et al., 1989:137; ANSP); railway and La Javilla not shown on recent maps (e.g., Atlas, 1977; IGAC [N. de Santander]).

LA LAGUNA; Nariño 0113/7712 (USBGN)
2,750 m (de Schauensee, 1952a:1132); 10 km E of Pasto [0113/7717 (USBGN)] and 10 km NW of Laguna de la Cocha [0105/7709 (USBGN)]

(MHA, as "Laguna"); F. K. Lehmann, 1876 (Salvin, *in* Salvin & Hartert, 1892, Cat. Birds Brit. Mus., 16:153, as "Laguna near Pasto, Ecuador"); Mena, 24 Aug., 18, 22, 25, 27 Sept. 1950 (ANSP).

LA LANA; see San Pedro, Antioquia

LA LANOSA, FINCA; see Finca La Lanosa.

LA LEONERA; Caldas 0505/7520 (de Schauensee, 1948a:306)
3,600 m (Carriker, 1955:53); on western side, but near crest, of Central Andes, E of Manizales [0505/7532 (USBGN)] and N of Nevado del Ruiz [0454/7518 (USBGN)], W of and very close to Letras [0504/7519 (USBGN)] and the Tolima border (de Schauensee, 1948a:306); Carriker, 6-8, 10-17, 19-20, 24-25 Sept. 1918 (Todd, 1919:114, as "Leonera"; Carriker, 1955:53; CU; UMMZ; CM).

LA LÍNEA; see Caramanta.

LA LOMA; Cesar 0937/7336 (USBGN)
162 m (Borrero, 1972b:396); central Cesar, ca. 50 km N of northern end of Ciénaga de Zapatosa [0905/7350 (USBGN)] and 90 km SSW of Valledupar [1029/7315 (USBGN) (IGAC [Cesar]); collector ?, date ? (Borrero, 1972a:396).

LA LUISIANA (Torres, 1975:151); see Madrid.

LA MACARENA, SERRANÍA DE; Meta 0245/7355 (USBGN)
Isolated, boat-shaped sandstone mountain chain, ca. 125 km long and 30 km wide, with a maximum altitude of 5,500 ft [1,700 m] at Pico Renjifo [ca. 0306/7355 (Philipson, et al., 1951:189 (map)], rising abruptly and steeply from llanos 100 km S of Villavicencio [0409/7337 (USBGN)], separated from Eastern Andes by lowlands about 30 km wide (Philipson, et al., 1951:188ff; Blake, 1962:69-70; MHA); site of national park; Gilliard, from eastern base up to 4,350 ft [1,300 m], Dec. 1941-Feb. 1942 (Gilliard, 1942; Blake, 1962:69-70); Doncaster from northeastern base to summit, Nov. 1949-Jan. 1950 (see Caño Yerly, Plaza Bonita, Río Guapayá, Entrada Camp, and Pico Renjifo; Philipson, et al., 1951; Blake, 1962); Nicéforo, where ?, 30 Apr. 1950 (Iafrancesco, et al., 1987:132); von Sneider, Mar. 1956 (YPM; UMMZ) and from northern base to summit, 16 Feb.-29 Mar. 1957 (see Los Micos, Río Guapayá, Caño Yerly, Plaza Bonita, and Pico Renjifo; Blake, 1962); collector ?, 21 Jan. 1959 (Borrero & Cruz, 1983:55); Olivares, on "Macarena", 23 Jan. 1959 (Olivares, 1973:124); collector ?, 13 Feb. 1959 (Borrero & Cruz, 1983:55, as "La Macarena");

Marinkelle, on "Macarena", 5-7 Jan. 1963, 10 Jan. 1965, Acevedo, on "Macarena", 5-6, 8, 10 Jan., 13 Feb. [Acevedo is also cited as being at Santa Leticia [0220/7613 (USBGN)] on same date] 1965, 3 Jan. 1966, Acevedo and Marinkelle, at "Refugio" or "Refugio Macarena," 4, 10 Jan. 1965, 3, 6, 8-9 Jan. 1966 (WVZ; UMMZ; LACMNH); Lemke, on Río Guayabero [0236/7247 (USBGN)], 7, 13 Mar. 1976 (Lemke, 1979:207); Lemke and Gertler, in general area, Aug. 1975-Jan. 1977 (see El Pueblo La Macarena, Finca Don Angel Catalina, Finca Don Hunsaker III, Duda Cabaña, Camp Chamusa, Río Santo Domingo, Río Duda, Río Zanza, and Lomo del Conejo); collector ?, at "La Macarena Norte," 8-9 Oct. 1964, 20 Jan., 4 Mar. 1967, 20 Jan. 1968, at "La Macarena Sur," 1959, 3 Oct. 1964, 25 Jan. 1968, 22 Feb. 1969, and at "La Macarena," 25 Feb. 1969 (Olivares, 1974a:73ff).

LA MANUELITA; Valle del Cauca 0335/7617 (USBGN)
3,500 ft [1,050 m], plantation, 3 mi [5 km] N of Palmira [0332/7616 (USBGN)], in Cauca Valley near western base of Central Andes, cultivated but some patches of forest and large areas of second-growth [1911], Chapman, Fuertes, et al., 11-18 Apr. 1914 (Chapman, 1914b:622; 1917: 647-648; CU; MHA); Fuertes, 18 May 1911 (CU).

LA MAR; Cundinamarca ca. 0455/7410
2,620 m, farm in northwestern Sabana de Bogotá, near Subachoque [0456/7411 (USBGN)] (de Schauensee, 1948a:310); Subachoque is 30 km NNW of Bogotá [0436/7405 (USBGN)] (MHA); Chapman, 1917:648, erroneously cites altitude of 8,203 ft [2,500 m] (fide de Schauensee, 1948a:310); Gonzáles, 10, 13 June 1913 (Chapman, 1915b:650; CM).

LA MARÍA; Valle del Cauca 0338/7643 (USBGN)
4,700 ft [1,425 m] (MCZ); on Pacific slope of western Andes, ca. 5 km SW of Dagua [0340/7641 (USBGN)] in valley of Río Bitaco [0346/7638 (USBGN)] (Mapa, Valle, 1973); Palmer, 4 May-12 June 1908 (MCZ); collector ?, date ? (Cantillo, 1983:72).

LA MESA; Cundinamarca 0438/7428 (USBGN)
1,320 m, in valley of Río Bogotá [0418/7448 (USBGN)], a tributary of the Magdalena [1106/7451 (USBGN)], 48 km W of Bogotá [0436/7405 (USBGN)] on western slope of central Eastern Andes; collector ?, date ? (Niséforo, 1940:317); Niséforo, 8 July (ANSP), 4 Aug. 1943, 2 Apr. 1944 (ANSP) Niséforo, date ? (Niséforo, 1945:383; 1947:356); collector ? [Niséforo ?], Nov. 1945 (Iafrancesco, et al., 1988:128); collector ?, between La Mesa and Mosquera [0443/7414 (USBGN)], date ? (Olivares, 1969b:377).

LA MESA DE LOS SANTOS (Hernández & Romero, 1978:356); see Jéridas, Mesa de.

LA MESETA; Cauca 0248/7646 (USBGN)
Alt. ?; on eastern slope of Western Andes, ca. 45 km NW of Popayán [0227/7636 (USBGN)] and a short distance NW of Dinde [0242/7644 (USBGN)]; not indicated on our maps; collector ?, date ? (Kattan, 1988:101); identification of site uncertain.

LA MESETA; Norte de Santander ca. 0720/7242
ca. 3,000 m, on eastern slope of northern Eastern Andes, 8 km NE of Mutiscua [0718/7245 (USBGN)] and 7 km SW of Pamplona [0723/7239 (USBGN)] (Atlas, 1977); collector ?, date ? (Nicéforo & Olivares, 1975:4).

LA MIEL; BOCA DE; Magdalena Not located
Marinkelle, 4 Aug. 1968 (WVZ; UMMZ)

LA MIEL, Río; Antioquia/Caldas 0546/7439 (USBGN)
Short affluent of middle Río Magdalena [1106/7451 (USBGN)] rising on eastern slope of Central Andes and joining the Magdalena 35 km N of La Dorada [0527/7440 (USBGN)] (MHA); collector ?, ca. 1935 (Dugand, 1941b:358); Olivares (1967:40ff) uses "Sonsón (río La Miel)" but its meaning is unclear as Sonsón [0542/7518 (USBGN)] is some distance to the SW.

LA MINA, QUEBRADA; Caldas 0518/7515 (USBGN)
Small headwater of Río Guarinó [0517/7444 (USBGN)], N of Marulanda [0517/7516 (USBGN)], on eastern watershed of Central Andes (MHA); Serna and Isaza, 17 Aug. 1968 (Serna, 1980:59).

LA MORELIA (de Schauensee, 1945b:42); see Morelia.

LA MORENA, HACIENDA; see Hacienda la Morena.

LA MUCURERA; Norte de Santander Not located
On eastern slope of northern extension of the Eastern Andes 42 km N of Cúcuta [0754/7231 (USBGN)], Nicéforo, date ?, 5, 15 Apr., 31 Oct. 1955 (Nicéforo & Olivares, 1965:40-41; lafrancesco, et al., 1986:51; 1987:78, 108).

LA MURALLA (Chapman, 1915:649); see Morelia.

LA MURELIA (Chapman, 1917:pl. I); see Morelia.

- LANDÁZURI; Santander 0614/7349 (USBGN)
 1,100 m, on western slope of north-central Eastern Andes on Río Aguamiel [0612/7347 (USBGN)] near its confluence with Río Horta [0611/7406 (USBGN)], 66 km SE of Puerto Berrío [0629/7424 (USBGN)] and 27 km NW of Vélez [0601/7341 (USBGN)] (MHA); Nicéforo, July 1939 (Lehmann, 1943b:181); Romero, June 1972 (Olivares & Romero, 1973:59); Richter, in valley of Río Carare [0648/7406 (USBGN)], W of Landázuri, date ? and collector ?, nearby at 800-900 m, date ? (Dugand, 1948a:186, 189).
- LA NEGRITA; Cundinamarca ca. 0420/7425
 ca. 1,600 m, slightly below Fusagasugá [0421/7422 (USBGN)], near plains of Novillero [0421/7424 (USBGN)], Bedout, ca. 1945 (Dugand, 1945a:338, 340); not on our maps.
- LANGARU; Magdalena Not located
 Collector ?, 26 July 1968 (WFBVZ).
- LA NIÑA, QUEBRADA; Caquetá 0131/7518 (USBGN)
 Not shown on our maps but probably is an affluent of Río Hacha [0136/7536 (USBGN)] between Florencia [0136/7536 (USBGN)] and Montañita [0130/7528 (USBGN)]; possibly this is reference to Quebrada Niña María [0117/7531 (USBGN)], somewhat farther SE (MHA); collector ?, date ? (Nicéforo & Olivares, 1965:46).
- LA OCULTA, LAGO; Antioquia Not located
 Alt. ?; near Palermo [0544/7542 (USBGN)] in southernmost Antioquia on left side of valley of Río Cauca [0854/7428 (USBGN)], collector ?, 2 Apr. 1965 (Serna, 1980:16).
- LA OLANDA (de Schauensee, 1948a:304); see La Holanda.
- LA OLGA; Valle del Cauca Not located
 900 m, in upper Cauca Valley, near Jamundí [0315/7632 (USBGN)], Lehmann, 4 May 1956 (CU).
- LA ORQUETA; Valle del Cauca Not located
 Alt. ?; 18 km W of Cali [0327/7631 (USBGN)], Arvey, 19 Sept. 1971 (LACMNH); probably in vicinity of Mares [ca. 0332/7638 (Mapa, Valle, 1973)]
- LA PAILA; Valle del Cauca 0419/7604 (USBGN)
 935 m, in upper middle Cauca Valley on Río la Paila [0421/7609

(USBGN)], 7 km E of Río Cauca [0854/7428 (USBGN)] and 21 km NE of Andalucía [0410/7610 (USBGN)] (de Schauensee, 1948a:317; MHA); Lehmann, July 1935, July 1936, 1940 (Lehmann, 1957:105, 122) and date ? (Dugand, 1941a:54); von Sneider, July 1940 (FMNH); Sibley, 19-22 June 1956 (CU).

LA PALMA; Huila 0147/7622 (USBGN)
5,500 ft [1,675 m], ranch SW of San Agustín [0153/7616 (USBGN)] at head of Magdalena Valley near confluence of Río Mulales [0156/7620 (USBGN)] with Río Magdalena [1106/7451 (USBGN)], subtropical, Miller, 27 Apr.-5 May 1912 (Chapman, 1917:45, 348; de Schauensee, 1948a:317); not on our maps; Olivares, 1958b:272, places in Lomas de Isnos [0157/7615 (USBGN)], although these are some distance to the NE.

LA PALMITA; Boyacá (ANSP); see La Palmita, Cesar.

LA PALMITA; Cesar ca. 0814/7324 (IGAC [Cesar])
ca. 1,500 m, on western slope of northern Eastern Andes, 8 km SW of Ocaña [0815/7320 (USBGN)] on old trail down to Loma de Corredor [0808/7346 (USBGN)] on Río Magdalena [1106/7451 (USBGN)] (IGAC [Cesar]; de Schauensee, 1948a:317); although Carriker (1955:63) placed the site in Norte de Santander, it is clearly in Cesar; Carriker, 10-25 Aug. 1916 (Todd, 1917, Proc. Biol. Soc. Washington, 30:128, 129, as "La Palmita, Santander"; Carriker, 1955:61, as "La Palmita (Santander N.)"; CM; WFVZ, as "La Palmita, Santander"; UMMZ, as "La Palmita, Santander"; ANSP, also as "La Palmita, Boyacá"); de Schauensee, 1947b:199, as "La Palmita, Santander" and 1952b:11, as "La Palmita, Magdalena."

LA PALMITA; Magdalena (de Schauensee, 1952b:11); see La Palmita, Cesar.

LA PALMITA; Norte de Santander (Carriker, 1955:61); see La Palmita, Cesar.

LA PALMITA; Santander (Todd, 1917:128); see La Palmita, Cesar.

LA PANUELA (Chapman, 1917:648); see La Piñuela.

LA PAX, CORDILLERA DE (ANSP); see La Paz, Cordillera de.

LA PAZ; Cesar 1023/7310 (USBGN)
230 m, at western base of middle Serranía de Perijá [1000/7300 (USBGN)], 12 km SE of Valledupar [1029/7315 (USBGN)] (MHA; Mapa, 1976, as "Robles la Paz"); Simons, date ? (Todd & Carriker, 1922:116).

LA PAZ; Tolima Not located
Isaza, 1967 (Serna, 1980:63).

LA PAZ, CORDILLERA DE; Santander 0705/7325 (USBGN)
ca. 1,000 m, short chain of mountains on western slope of northern Eastern Andes to W and SW of Bucaramanga [0708/7309 (USBGN)] (MHA); Mena, 13, 18-23 Dec. 1950 (ANSP, as "Cordillera de la Pax"); Borrero and Hernández, in cordillera at Hacienda Montebello [ca. 0700/7325], 11, 15 Nov. 1957 (Borrero & Hernández, 1957a:358); collections (collectors ?, dates ?) at various sites in cordillera in district of San Vicente de Chuchurí [0655/7330 (USBGN)], which see.

LA PAZ, SERRANÍA DE; Cauca ca. 0235/7700 ?
Alt. ?; in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], Negret, at 1,700 m, Jan. 1991 (Negret, 1991:44); probably in vicinity of La Paz [0223/7656 (USBGN)].

LA PEÑA; Atlántico 1035/7502 (USBGN)
15 m, in southern Atlántico on eastern side of Ciénaga de Guájaro [1034/7502 (USBGN)], 7 km NNW of Aguada de Pablo [1031/7501 (USBGN)] (MHA); Giacometto and Dugand, 1-3 May, 5-7 June, 26-29 Aug., 10-12 Nov. 1936 (Dugand, 1947c:529, 540; Dugand, 1946:280, gives August dates as 6-9 Aug.); Dugand ?, between 26-29 Aug. 1938 (Dugand, 1947c:566); Dugand, near La Peña, 6 June 1936 (Dugand, 1945b:399).

LA PICA; Boyacá (ANSP); see La Pica, Santander.

LA PICA; Santander ca. 0645/7245
2,500-2,700 m (Dugand, 1948a:183); campsite on western slope of Eastern Andes, NE of Molagavita [0641/7250 (USBGN)] on Cordillera Cruz de Piedra [0650/7247 (USBGN)] which runs NW and SE between San Andrés [0649/7252 (USBGN)] and Málaga [0642/7244 (USBGN)] (de Schauensee, 1948a:320); Carriker, 15 Feb., 18-20 Aug. 1916, 7-10, 12-17 Feb. 1917 (Todd, 1919:116; WFVZ; Olson 1983:107; ANSP, also as "La Pica, Boyacá").

LA PICOTA; Cundinamarca 0433/7408 (USBGN)
A southwestern suburb of Bogotá [0436/7405 (USBGN)] (IGAC [Bogotá], as "Penitenciaría la Picota"); collector ?, date ? (Olivares, 1969b:276); collector ?, Nov. 1944 (Iafrancesco, et al., 1986:47)

LA PICOTA, PENITENCIARIA (IGAC [Bogotá]); see La Picota.

LA PINTADA; Antioquia 0545/7536 (USBGN)
650 m, on border in southernmost central Antioquia, on Río Cauca [0854/7428 (USBGN)], 65 km S of Medellín [0615/7535 (USBGN)] (MHA; IGAC [Antioquia]); observer ?, date ? and 7 July 1972, Serna, 26 May, 4 June 1968, 10 May 1972, Serna and Palacio, 13 Apr., 3 July 1968, Serna and Pérez. 10 Oct. 1966, observer ?, at Hacienda Túnez [not located], 31 Aug. 1966, 24 Apr., 24 June 1967, 24 June 1976, at Hacienda Hezzen [not located; possibly an error or may be the locality bearing similar name and placed near Puerto Triunfo, 0552/7439 (USBGN), which see], 23 June 1969 (Serna. 1980:7-9, 12, 14, 19, 45-46, 61, 67, 80, 82, 103).

LA PIÑUELA; Cundinamarca ca. 0505/7410
ca. 3,000 m, on páramo N of La Pradera [0500/7408 (USBGN)] and S of Pachó [0508/7410 (USBGN)] on northwestern edge of Bogotá tableland (de Schauensee, 1948a:320); González, date ? (Chapman, 1917:648, as "La Panuela"); González was probably here ca. June 1913, as he was at La Pradera at that time; not shown on our maps or in USBGN.

LA PLANADA; Nariño 0115/7815 (Restrepo and Mondragón, 1988a:116)
1,800 m (Willis 1995:132); reserve of ca. 1,500-2,000 ha, on western slope of the Andes, ca. 15 km W of Ricaurte [0113/7759 (USBGN)], Orejuela, et al., dates ? (Orejuela, et al., 1983); size also given as 3,200 ha, with altitude ranging from 1,200 to 2,100 m (Ramírez & Arias, 1994, 1995; Beltrán, 1994:4); Restrepo and Mondragón, Feb. 1987-Feb. 1988 (Restrepo & Mondragón, 1988a); Thiollay, in vicinity, ca. 24 June-16 July 1988 (Thiollay, 1991); Willis and Oniki, 10 Feb.-14 Mar. 1989 (Willis, 1995:231; Oniki & Willis, 1991:519); collector ? [Schuchmann ?], 21, 24, 28 Mar. 1988, 2-4, 7, 15 Mar. 1989 (Ohmer, et al., 1991, Journ. Nat. Hist., 25:484, 489, 490, 493, 496); Snow and Snow, July 1988 (Snow & Snow, 1992); Samper, 31 July-1 Aug. 1988 (Samper, 1992); Beltrán, Feb. 1989-July 1990 and ca. 1,700-1,900 m, 19 July-7 Aug. 1990 (Beltrán, 1992; 1994:5); Pearman, at ca. 2,000 m, 28 Oct. 1990 (Pearman, 1993:72); Ramírez and Arias, Mar.-Nov. 1992 (Ramírez & Arias, 1994).

LA PLATA; Huila 0223/7553 (USBGN)
1,054 m, on eastern slope of southern Central Andes, in middle of valley of Río de la Plata [0226/7553 (USBGN)], a tributary of upper Río Magdalena [1106/7451 (USBGN)], 35 km NW of Garzón [0212/7538 (USBGN)] (MHA); von Sneider, 10, 14-16, 18-20, 22-23, 25 Mar., 14-15 May 1939 (ANSP), 25 Nov. 1942 (UMMZ) and at 7,800 ft [2,400 m], 15 Nov. 1939 (Bond & de Schauensee, 1940:156); Lehmann, at 1,800 m, Mar. 1939 (Dugand, 1941a:56) and at 1,100 m, 10 Mar. 1961 (Lehmann, 1961:525); Carriker, 8-10, 12-17 Apr. 1952 (USNM); Marinkelle, 2 Nov. 1966

(UMMZ), 20 Aug. 1967 (WVZ); de Schauensee (1948a:321) points out that some collections said to have come from La Plata, but range from 1,800-2,900 m; Lehmann (1957:131, 148) states that material from over 2,000 m must be considered to have come from the region of Moscopán [ca. 0220/7605], which see.

LA PLATA, HACIENDA; see Hacienda La Plata.

LA PLATA VIEJA (Hilty & Brown, 1986:573); see La Argentina, Huila.

LA PLAYA; Atlántico 1102/7452 (USBGN)
Sea level, on old railway about halfway between Puerto Colombia [1104/7303 (USBGN)] and Barranquilla [1059/7448 (USBGN)], arid, open savannas. and mangroves, Miller and Boyle, 23-26 Mar. 1915 (Chapman, 1917:60, 648; MHA; Dugand, 1947c:540); collector ?, Aug. 1943 (Dugand, 1947a:385); Dugand, between La Playa and Las Flores [1102/7450 (USBGN)], Mar. 1926 (Dugand, 1947c:559).

LA POPA, CERRO; Bolívar 1026/7532 (USBGN)
120 m, hill in central part of city of Cartagena [1025/7532 (USBGN)] (Atlas, 1977); Schott, Wood, and Wood, Nov. 1857 (Cassin, 1860:191, as "Popa' mountain"; Cassin, 1861:242); Detwiler [= Detwiler], 23 Jan. 1888 (Stone, 1899:313).

LA PORQUERA, Cundinamarca Not located
Creek flowing into Río Subachoque [0441/7416 (USBGN)] in northwestern part of Sabana de Bogotá (de Schauensee, 1948a:321); above La Pradera [0500/7408 (USBGN)] (Chapman, 1917:648); González, Apr. 1913 (FMNH).

LA PRADERA; Cundinamarca 0500/7408 (USBGN)
ca. 2,600 m, at northern edge of Sabana de Bogotá, 13 km W of Zipaquirá [0502/7400 (USBGN)] (MHA); González, June 1913 (FMNH; Chapman, 1917:648); de Schauensee, 1948a:322, also as "Pradera."

LA PRIMAVERA (Blake, 1961:25); see Hacienda la Primavera.

LA PRIMAVERA, HACIENDA; see Hacienda la Primavera.

LA PROVIDENCIA; Caquetá ca. 0040/7515
Southwestern Caquetá, in municipio Solano [ca. 0040/7515] (Dicc. Geog.); on Río Orteguaza [0043/7516 (USBGN)], collector ?, between La Providencia and Hacienda Villa María [ca. 0115/7530], date ? (Nicéforo &

Olivares, 1964:18); Nicéforo, 21, 25, 27-28, 31 Aug., 5-6 Sept. 1951, 21 Jan., 15 Mar. 1954, 16, 19 Oct. 1956 (Serna, 1980:20, 22, 55; Iafrancesco, et al., 1985:51, 58; 1987:96, 117, 124; 1989:153); probably an hacienda.

LA QUIEBRA; Antioquia ca. 0630/7510 1,400 m (Dugand, 1948a:182); low pass over an eastern ridge of northern Central Andes, 55 km NE of Medellín [0615/7535 (USBGN)] and just N of Santo Domingo [0628/7510 (USBGN)] (de Schauensee, 1948a:324, 331); collector ?, date ? (Dugand, 1948a:182); not shown on our maps.

LA QUINTANA; Cauca 0224/7625 (USBGN) 2,800-3,000 m, on western slope of Central Andes, near crest, ca. 11 km N of Volcán de Puracé [0221/7623 (USBGN)] (de Schauensee, 1948a:325); not on our maps; Lehmann, in vicinity, 1936-1937 (Lehmann, 1943c:185); von Sneider, 16 Aug., 5 Sept. 1945 (ANSP), 25 Feb. 1957 (YPM).

LARANDIA; Caquetá ca. 0134/7532 ca. 400 m (MHA); 12 km from [SE of] Florencia [0136/7536 (USBGN)] on left side of Río Orteguaiza [0043/7516 (USBGN)] (Nicéforo & Olivares, 1964:5); a recent (undated) "Texaco" road map shows this locality at end of a short road branching off to SW from the Florencia/La Montañita [Montañita, 0130/7528 (USBGN)] highway; collector ?, date ? (Nicéforo & Olivares, 1964:16); Perdomo, 5 July, 10 Aug. 1967 (Serna, 1980:56, 77).

LA RASTRA; Caquetá Not located On Río Orteguaiza [0043/7516 (USBGN)], the major northern tributary of Río Caquetá [0308S/6446 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1964:21); see, also, Villa Fátima, Caquetá.

LA RAYA; Bolívar 0820/7434 (USBGN) 45 m, on right bank of middle lower Río Cauca [0854/7428 (USBGN)], at outlet of Ciénaga de la Raya or Ciénaga Grande [ca. 0820/7429 (MHA)], in southwestern Bolívar (MHA; Atlas, 1977); Carriker, 9-17, 19-24, 26-30 Jan. 1948 (USNM); open country, some forest in hills around Ciénaga de La Raya (Haffer, 1975:74).

LA RAYA, CIÉNAGA DE; Bolívar ca. 0820/7429 (MHA) ca. 45 m, large lake at base of northwestern end of Central Andes, 6 km E of middle lower Río Cauca [0854/7428 (USBGN)], southwestern Bolívar, town of La Raya [0820/7434 (USBGN)] at outlet on river; collector ? [Carriker ?], date ? (Nicéforo & Olivares, 1964:16).

- LA RAYITA, QUEBRADA; Cesar 0756/7340 (USBGN)
 Small stream entering on northeastern side of Ciénaga de Pita [0755/7340 (USBGN)], which is formed by Río Lebrija [0808/7347 (USBGN)], one of many tributaries of Río Magdalena [1106/7451 (USBGN)] (MHA, as "Q. la Raya"; IGAC [Cesar]); Romero, 10 Aug. 1971, 28 Feb., 10 June 1972 (Olivares & Romero, 1973:44ff).
- LA REALIDAD (Nicéforo & Olivares, 1964:5); see Hacienda la Realidad.
- LA REALIDAD, HACIENDA; see Hacienda la Realidad.
- LA REGADERA; Cundinamarca 0424/7409 (USBGN)
 ca. 3,000 m, site of reservoir, ca. 20 km S of Bogotá [0436/7405 (USBGN)] (MHA; Atlas, 1977, as "Represa de la Regadera"); Arvey, 5, 8 Oct. 1959 (LACMNH).
- LA REGADERA, REPRESA DE (Atlas, 1977); see La Regadera.
- LA ROMELIA; Cauca Not located
 2,600 m, in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on slope of Cerro Munchique [0232/7657 (USBGN)], Negret, Nov. 1990 and at Km 75 on route from La Romelia to La Gallera [ca. 0235/7655], Oct. 1990 (Negret, 1991:41 43, 44).
- LA RUSIA, PÁRAMO DE; Boyacá/Santander 0559/7305 (USBGN)
 4,320 m, on Boyacá/Santander boundary, 21 km NNW of Duitama [0550/7302 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:396, placed in Cundinamarca); see, also, Agüero, Páramo de.
- LA RUSIA, PÁRAMO DE; Cundinamarca (Olivares, 1969b:396); see La Rusia, Páramo de; Boyacá/Santander.
- LAS ABEJAS, VALLE DE; Guaviare ca. 0050/7240 (Stiles, 1996:6)
 In Sierra de Chiribiquete [0122/7241 (USBGN)], 22 km SSW of mouth of Río Ajaju [0059/7220 (USBGN)] (Stiles, 1996:6); Palacios and Franco, Dec. 1990 (Stiles, 1996; 3, 6).
- LAS AGUAS, PARQUE DE (Cuadros, 1993b:27); see Girardota.
- LA SALADA; Antioquia ca. 0605/7538
 1,700 m, plantation of *Cupressus lussitanica* and *Pinus* sp. of 3,000 ha in municipio of Caldas [0605/7538 (USBGN)], SSW of Medellín [0615/7535 (USBGN)], Madrigal, ca. 1975 (Madrigal, 1977).

- LAS BALSILLAS; Cundinamarca** Not located
 On Sabana de Bogotá, near Bogotá [0436/7405 (USBGN)], Abadía, 27 Dec. 1915 (Apolinar, 1916:32; Nicéforo, 1923:331, 338; Olivares, 1969b:121); may refer to Río Balsillas [ca. 0435/7415 (Atlas, 1977)], an affluent of Río Bogotá [0418/7448 (USBGN)], in vicinity of El Colegio [0435/7427 (USBGN)], W of Bogotá; also see Mosquera.
- LAS BLANCAS; Boyacá (Nicéforo & Olivares, 1965:43); see Las Blancas, Meta.**
- LAS BLANCAS; Meta** ca. 0403/7350 (Atlas, 1977)
 ca. 1,500 m, on lower eastern slope of central Eastern Andes, 10 km NW of Acacias [0359/7346 (USBGN)] and 25 km SW of Villavicencio [0409/7337 (USBGN)] (Atlas, 1977); collector ?, date ? (Nicéforo & Olivares, 1965:39); Nicéforo and Esteban, 3, 23-24, 28 Feb. 1950, Nicéforo, 1, 3 Mar., 12-13 Apr. 1950 (Serna, 1980:94, as "Las Blancas (Acías [sic])"; Iafrancesco, et al., 1986:65, as "Colonia de Acacias-Las Blancas", p. 75, as "Colonia Penal de Acacias las Blancas" and "Colonia Penal de Acacias"; 1987:72, 93, as "Colonia las Blancas", pp. 132, 144, as "Las Blancas"; 1988:130, as "Colonia Penal de Acacias"; 1989:132, as "Colonia de Acacias, Las Blancas," p. 141, as "Colonia de Acacias"; Nicéforo & Olivares, 1965:43, 49, as "Las Blancas, Boyacá" and "Las Blancas, Norte de Santander"); also see Acacias, Meta.
- LAS BLANCAS; Norte de Santander (Nicéforo & Olivares, 1965:49); see Las Blancas, Meta.**
- LAS BRISAS; Valle del Cauca** 0446/7609 (USBGN)
 ca. 2,000 m, in northern Valle del Cauca, near crest of Western Andes, 4 km NW of Argelia [0443/7608 (USBGN)] (MHA; Atlas, 1977); Orejuela, et al., at 8-10 ha patch of premontane forest, Nov. 1981 (Orejuela, et al., 1982).
- LAS BRUJAS; see Puerto Inírida.**
- LAS CASCADAS (Willis, 1966c:59); see La Cascada.**
- LAS CATEDRAS, CAÑÓN DE; see Mosquera.**
- LAS CATEDRAS, CERRO DE; see Mosquera.**

LAS CRUCES; Valle del Cauca ca. 0330/7640
ca. 2,000 m (MHA); pass in western Andes, on old road to Buenaventura [0353/7704 (USBGN)] ca. 10 km NW of Cali [0327/7631 (USBGN)], near San Antonio [0330/7638 (USBGN)] which is just below on eastern slope (Chapman, 1917:654); specimens labeled as "San Antonio" doubtless taken at Las Cruces, as well as on western slope (see San Antonio, Valle del Cauca); André, sometime between Mar.-May 1899 (Simon & Dalmas, 1901: 217); Lehmann, June-July 1956 (Lehmann, 1957:131, as "Paso de las Cruces").

LAS CRUCES, PASO DE (Lehmann, 1957:131); see Las Cruces.

LAS DOMINGUEZ, PÁRAMO DE (Kraemer & Schmitt, 1991); see Santo Domingo, Páramo de.

LA SELVA; Caldas (UMMZ); see La Selva, Risaralda.

LA SELVA; Norte de Santander ca. 0745/7235
ca. 1,100 m, on eastern slope of northern Eastern Andes, 15 km NE of Durania [0744/7240 (USBGN)], 16 km E of Río Pamplonita [0820/7221 (USBGN)], and 20 km SW of Cúcuta [0754/7231 (USBGN)] (IGAC [N. de Santander]); near La Donjuana [0742/7236 (USBGN)], which see; collector ?, date ? (Nicéforo, 1967:2, as "La Selva"; Nicéforo & Olivares, 1964:5, 9, both as "La Selva" and "Hacienda la Selva"); Nicéforo, 16 Dec. 1954, 14, 22 Dec. 1955 (Iafrancesco, et al., 1986:50, p. 56, as "parte alta"); Nicéforo & Olivares, 1976b:8, as "La Selva (La Sorzono, parte alta)."

LA SELVA; Risaralda ? 0455/7609 (USBGN) ?
2,100 m (von Sneider, 1954:12); 1,300-2,200 m (de Schauensee, 1948a:331); on northwestern [?] slope of Cerro Tatamá [0500/7605 (USBGN)] (de Schauensee, 1948a:331); on Quebrada Jamaraya [0513/7609 (USBGN)], Palmer, at 4,600 ft [1,400 m], 1-2, 15 Oct. 1909 (Hellmayr, 1911:1102, 1157, 1179, as "La Selva, Río Jamaraya"); von Sneider, at 6,000 ft [1,825 m], 6 Jan. (de Schauensee, 1950b:9) and at 7,000 ft. [2,125 m], 31 Jan. (de Schauensee, 1948b:3), and at 2,100 m, 9 Feb. 1946 (von Sneider, 1954:12); von Sneider, altitude ?, 13, 25-31 Dec. 1945, 1-3, 5-14, 16-31 Jan., 1-13, 17-18 Feb 1946 (UMMZ, as "La Selva, Caldas"; CM; ANSP, as "La Selva, Caldas"); "the La Selva for which USBGN gives coordinates may not be the one visited by Palmer and von Sneider since these coordinates place it on the *southwestern* slope of Cerro Tatamá; Palmer's specification of Quebrada Jamaraya, whose mouth is on northwestern slope, would also seem to indicate there is another La Selva; in either case, the locality is on the western slope of the Western Andes;

von Sneidern (1954:12) and de Schauensee (1948a:331; 1948b:3) both place La Selva in Caldas but this region is now in Risaralda or, if the USBGN locality is the correct one, it is probably in Valle del Cauca.

LA SELVA, HACIENDA (Nicéforo & Olivares, 1964:9); see La Selva, Norte de Santander.

LA SERRANÍA; Meta 0324/7215 (USBGN)
General term applied to vast undulating plains of Orinoco region roughly extending from Río Meta [0612/6728 (USBGN)] on N to llanos near San Martín [0342/7342 (USBGN)] on W, and S to Río Guaviare [0403/6744 (USBGN)], grass, shrubs, some gallery forest, Borrero, 3-11 Jan. 1961 (Borrero & Hernández, 1961:431, 443).

LAS FLORES; Atlántico 1102/7450 (USBGN)
ca. 10 m, village near mangrove swamp of same name on western bank of Río Magdalena [1106/7451 (USBGN)], 7 km S of Bocas de Ceniza [1107/4551 (USBGN)] and 8 km N of Barranquilla [1059/7448 (USBGN)], Dugand, between Las Flores and La Playa [1102/7452 (USBGN)], Mar. 1926 (Dugand, 1947c:541, 555; Atlas, 1977).

LAS GARZAS, FINCA; see Finca las Garzas.

LAS GUACAMAYAS, CERRO DE; Vaupés ca. 0108/7005
Alt. ?; hill on right bank of Río Vaupés [0108/7003 (USBGN)], ca. 10 km W of Mitú [0108/7003 (USBGN)], also called "Cerro Mitú," Lehmann, 17 Sept. 1939 (Lehmann, 1957:152); not shown on our maps; direction seems incorrect as 10 km due W would place this on opposite side of river; Olivares, in vicinity, 11-22 Aug. 1960 and Gil, last months of 1960 (Olivares & Hernández, 1962:63, 64ff, as "Cerro de Mitú").

LAS GUACAS; Cauca ca. 0230/7635
1,800 m, small plain, also known as San Isidro, in eastern part of state, 7-8 km NE of Popayán [0227/7636 (USBGN)], Negret, 1991-1993, with specific dates of 26 Sept., 3 Oct. 1992, 13 Oct. 1993 (Negret, 1994d; 1995; Stiles & Negret, 1994); not located on our maps.

LAS GUALAS (MCVZ); see Hacienda las Gualas.

LAS GUALAS, HACIENDA; see Hacienda las Gualas.

LAS HERMOSAS, PÁRAMO DE; Antioquia 0348/7556 (USBGN)
ca. 3,500 m, in Central Andes, 52 km NE of Palmira [0332/7616

(USBGN)] and 90 km NNE of Nevado del Huila [0300/7600 (USBGN)] (MHA); Cuadros, Oct. 1990 (Anonymous, 1991).

LAS HOJAS; see San Vicente, Antioquia.

LA SIBERIA; Antioquia 0553/7556 (USBGN)
ca. 1,200 m, in far southwestern Antioquia, above Río San Juan [0342/7342 (USBGN)], 10 km NE of Bolívar [0550/7600 (USBGN)] (MHA, as "Siberia"); Bernal, 14 Dec. 1959 (LACMNH, as "Siberia").

LA SIBERIA; Cundinamarca Not located
Collector ?, date ? (Olivares, 1969b:190); Carriker, 21 Jan. 1962 (WVZ); there are several sites with this name in Cundinamarca.

LA SIERRA; Cauca 0210/7645 (USBGN)
6,300-6,800 ft [1,925-2,075 m] (Chapman, 1914a:182; 1917:648); 35 km SW of Popayán [0227/7636 (USBGN)] on western slope of Central Andes overlooking valley of upper Río Patía [0213/7840 (USBGN)] (MHA); groves of open, rather dry, forest [1912], Miller and Allen, 1-2 Mar. 1912 (Chapman, 1917:41, 648).

LAS LOMITAS (Chapman, 1917:21); see Lomitas.

LAS MARIMONDAS (de Schauensee, 1952a:1150); see Marimonda.

LAS MENDOZAS, FINCA; see Finca Las Mendozas.

LAS MERCEDES (Borrero & Hernández, 1961:442); see Hacienda las Mercedes, Cundinamarca.

LAS MERCEDES, HACIENDA; see Hacienda las Mercedes.

LAS MESITAS (Olivares, 1969b:348); see El Colegio.

LAS MUJERES, CAÑO DE; Chocó ca. 0817/7658
An affluent of Río Atrato [0817/7658 (USBGN)], ca. 2 km from its mouth, Rodríguez, on lower Caño de las Mujeres, 28 June 1977 (Rodríguez, 1978:359); not on our maps.

LAS NIEVES; Valle del Cauca 0328/7637 (USBGN)
ca. 1,500 m, on eastern slope of Western Andes, 12 km W of Cali [0327/7631 (USBGN)] and contiguous with Felidia [0328/7637 (USBGN)]

(Mapa, Valle, 1973); collector ?, date ? (Kattan, 1988:101); Arvey, 4-8 Nov. 1971, 8-12, 14 Feb. 1972 (LACMNH).

LAS NUBES; Magdalena ca. 1110/7356 (MHA)
4,500 ft [1,400 m], plantation in tropical zone, ca. [?] 3 mi [5 km] S [ESE] of Onaca [1111/7404 (USBGN)], on northern slope of La Horqueta [ca. 1109/7356 (MHA)], in northern foothills of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Smith, also up to 5,500 ft [1,700 m] in subtropical zone, 29-30 Nov., 1-3, 6-10, 12, 15, 17, 19-22 Dec. 1898 (Todd & Carriker, 1922:116; CM); Hull, 1, 3, 9, 12-15, 17, 19, 21 Dec. 1898 (CM); Smith, 10-25 Mar., 13 Apr. 1899 (Allen, 1900a:130ff); MHA, as "Las Nuves."

LAS NUVES (MHA); see Las Nubes.

LA SOFÍA; Caldas 0538/7504 (USBGN)
3,750 ft [1,150 m], on eastern side of middle Central Andes, on southern side of Río Samana Sur [0542/7444 (USBGN)], which forms Caldas/Antioquia border, near Nariño [0540/7506 (USBGN)] and ca. 30 km E of Sonsón [0542/7518 (USBGN)], Carriker, 10-13, 15-19, 21-26, 28-31 May, 1 June 1951 (USNM, as "Hacienda la Sofía" and "Hacienda Sofía"); Carriker, 1955b:98, 124, states he was on "Río Samaná, Antioquia," date ? , and on "Río Sanamá, Caldas," 15 May 1951.

LAS ORQUÍDEAS, PARQUE NACIONAL NATURAL; Antioquia 0637/7617 (WCMC)
1,400-3,100 m, 32,000 ha reserve in municipios of Urrao [0620/7625 (USBGN)], Frontino [0640/7629 (USBGN)], and Abriaquí [0640/7605 (USBGN)], on western slope of north-central Western Andes, containing Río Venados [0634/7617 (USBGN)], Río Quiparadó [0638/7624 (USBGN)], Quebrada Polo [0631/7313 (USBGN)], Río Chaquenodá [0636/7624 (USBGN)], Cerro Musinga [Alto Musinga, 0640/7610 (USBGN)], Cerro Plateado [0641/7609 (USBGN)], etc.; Bolívar, in municipio of Urrao, at 1,820 m, 10 Aug. 1981, Echeverri, in southeastern portion of park in municipio of Urrao, including vicinity of the Polo, at 1,500-1,650 m, 1, 4, 8, 12-16, 18-21, 23, 25 May 1981, in vicinity of Río Venados, at 900 m, Jan. 1983, and at various generalized locations, including at 3,100 m, 5 Feb., at 1,860 m, 16 Feb., at 1,850-1,870 m, 14 Feb., at 1,850 m, 15 Feb., at ca. 1,860 m, 16 Feb., at 1,700-1,870 m, 17 Feb., at 1,825-1,850 m, 19 Feb., at 1,825 m, 20 Feb., at 1,885-1,985 m, 22 Feb., at 1,885 m, 23 Feb., at 1,885 m, 25 Feb., at ca. 1,885 m, 26 Feb., at 1,852 m, 28 Feb, at 1,600-1,875 m, 2 Mar., at 1,650 m, 16 May, at 1,650 m, 19 May, at 3,100 m, 31 Oct., 2 Nov., 4-5 Nov. 1981, at 1,450 m, 7 July, at 1,400 m, 8 July, at

1,400-1,500 m, 9 July, at 1,400-1,450 m, 10 July, at 1,800 m, 11 July, 13 July 1983, at 2,700 m, 16 Apr., at altitude ?, 18 Apr., at 1,600 m, 15 May, at 1,450 m, 18 May, at 2,300 m, 23 May, at 2,350-3,300 m, 24 May, at 2,300-2,350 m, 25 May, at 2,200-2,300 m, 1 June, at 2,300 m, 5 June, at 2,300 m, 7 June, at 2,200-2,300, 9 June, at 1,890-2,250 m, 10 June, at 2,250 m, 12 June, at 1,450 m, 20 June, at 1,450 m, 9 July 1984 (Echeverri, 1986:1, 3, 25, 28, 33, 37, 40-41, 47, 71-81, 88, 94, 104-106, 112, 121, 129-130, 133-136, 138, 141-143, 168, 170, 177-179, 182, 187-188, 191-192, 196-197, 199, 201, 208); Piedrahíta, et al., at 1,550-1,600 m, 12-13 Oct. 1990 (Anonymous, 1990b:19); Velásquez, 14-16 Oct. 1991 (Anonymous, 1991b:31).

LA SORZONO; Norte de Santander Not located
Apparently on eastern slope of northern Eastern Andes in vicinity of La Selva [ca. 0745/7235]; collector ?, date ? (Nicéforo & Olivares, 1976b:8, as "La Selva (La Sorzono, parte alta)."

LAS PALMAS; Antioquia; see Envigado.

LAS PALMAS; Santander (Nicéforo, 1945:390); see Palmas.

LAS PAPAS, VALLE DE; Cauca ca. 0150/7635
10,500 ft [3,200 m] (Chapman, 1917:656, as "Valle de las Pappas"); 2,800-3,200 m (de Schauensee, 1948a:339); from the description of Miller in Chapman (op. cit., p. 43) the name seems to apply to the lower and middle valley of the Río Cusiyaco [0146/7633 (USBGN)], a headwater of the Río Caquetá [0308S/6446 (USBGN)], on the eastern side at the southern end of the Central Andes, 80 km S of Popayán [0227/7636 (USBGN)] (MHA); Páramo de las Papas [0155/7636 (USBGN)] is to N and de Schauensee (1948a:339) explains that name is broadly applied in a regional sense; this would explain the application of "Las Papas" to a valley whose river does not originate on Páramo de las Papas but rather SE on Páramo de Letrero [0153/7632 (USBGN)] (MHA); Miller and Allen, 22-28 Mar. 1912, at border of páramo and temperate zones (Chapman, op. cit., pp. 43, 656); von Sneidern, 4 Oct. 1958 (YPM); Negret and Acevedo, 15 Feb. 1988 (Negret & Acevedo, 1990, as "Valle de las Papas, Río Caquetá").

LAS PAPPAS, VALLE DE (Chapman, 1917:656); see Las Papas, Valle de.

LAS PAVAS (Carriker, 1955:61); see Pavas.

LAS PEÑITAS; Santander 0656/7329 (Borrero & Hernández, 1961:442)
Alt. ?; in middle Magdalena Valley, E of La Albania [Albania, 0655/7339

(USBGN)] on road from San Vicente [San Vicente de Chucurí, 0654/7325 (USBGN)] to Barrancabermeja [0703/7352 (USBGN)], collector ?, date ? (Borrero & Hernández, 1961:441, 442).

LAS TAGUAS; Magdalena 1106/7357 (USBGN)
5,000 ft [1,525 m], on northwestern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] on southern slope of Cuchilla San Lorenzo [ca. 1110/7407 (IGAC [Mag.])] and on Quebrada Viernes Santo [not located], an affluent of Río Papare [Río Toribio, 1103/7414 (USBGN)], humid, heavy forest [1911], subtropical, Carriker, 19, 25-30 June 1911 (Todd & Carriker, 1922:116; Carriker, 1959b:215), 5 Feb. 1913, 13 Mar. 1919 (CM); Ujhelyi, sometime between late 1911-early 1912 (Todd & Carriker, 1922:39, say mislabeled as "Tagua").

LAS TETAS; Cesar 1003/7302 (USBGN)
3,630 m (Mapa, 1976, as "Cerro de las Tetas"); three peaks on central Serranía de Perijá [1000/7300 (USBGN)] on Colombia/Venezuela border, 13 km E of Agustín Codazzi [1002/7314 (USBGN)] (MHA, as "La Teta"); Carriker, from 2,000 to 3,100 m, dates ? (de Schauensee, 1948a:337, as "Las Tres Tetas"); Carriker, at base, date ? (Dugand, 1948a:184, as "Cerro de las Tres Tetas"); Carriker, at base of southern peak, above Hiroca [ca. 0950/7303 (de Schauensee, 1948a:282)], 4 May 1942 (Carriker, 1954:14); Nicéforo & Olivares, 1967:414, as "Teta."

LAS TETAS, CERRO DE (Mapa, 1976); see Las Tetas.

LAS TIJERAS; Cauca (USNM); see Tijeras, Huila.

LAS TINAJAS; Magdalena 1116/7404 (USBGN)
350 m (Troncoso, et al., 1995); 2,000 ft [600 m], near head of "Quebra Concha" [Ensenada de Concha, 1115/7413 (USBGN)], on northern slope of Cuchilla San Lorenzo [ca. 1110/7407 (IGAC [Mag.])] in northwestern Sierra Nevada de Santa Marta [1050/7340 (USBGN)], forested [1911], Smith, 11 Jan. 1901 (Todd & Carriker, 1922:116); 15 km ENE of Santa Marta [1115/7413 (USBGN)] (IGAC [Mag.]); fields and disturbed forest, Troncoso, et al., July 1993 (Troncoso, et al., 1995).

LAS TRES TETAS (de Schauensee, 1948a:337); see Las Tetas.

LAS TRES TETAS, CERRO DE (Dugand, 1948a:184); see Las Tetas.

- LA SUIZA; Risaralda Not located
 Alt.?, in municipio of Pereira [0450/7545 (USBGN)], Repizzo, 15-17 Oct.
 1989 (Anonymous, 1990c).
- LAS VALDÍAS, PÁRAMO; Antioquia Not located
 3,100 m, in municipio of Medellín [0615/7535 (USBGN)], Toro, 12 Oct.
 1990 (Anonymous, 1990b:20).
- LAS VEGAS; Magdalena 1112/7353 (USBGN)
 ca. 900 m, on lower northwestern slopes of Sierra Nevada de Santa Marta
 [1050/7340 (USBGN)], 25 km ESE of Santa Marta [1115/7413 (USBGN)],
 near headwaters of Río Menguaca [1117/7352 (USBGN)] (IGAC [Mag.]);
 Carriker, 3,000-5,000 ft [900-1,500 m], tropical and subtropical zones, 29,
 31 Mar. (ANSP), 28 May-9 June (Todd & Carriker, 1922:117; Carriker,
 1959b:217; CM), 13 June (CU), 17 June 1913 (de Schauensee, 1959:63), 9
 Feb. 1961 (YPM).
- LAS VEGAS; Santander (Nicéforo & Olivares, 1964:8); see Hacienda las Vegas.
- LAS VEGAS, HACIENDA; see Hacienda las Vegas.
- LAS VENTANAS; Boyacá (ANSP); see Las Ventanas, Norte de Santander.
- LAS VENTANAS; Norte de Santander ca. 0748/7306
(de Schauensee, 1948a:340; 1950a:errata)
 2,000-3,000 m, farm on western slope of northern Eastern Andes, NW of
 Rámirez [0748/7305 (de Schauensee, 1948a:325)] a few km SW of
 Trapiche [0751/7305 (USBGN)], and a few km N of Cáchira [0744/7303
 (USBGN)] (de Schauensee, 1948a:340; Dugand, 1948a:178); Carriker, 18-
 23, 25-30 Sept., 2 Oct. 1916 (Todd, 1926, Ann. Carnegie Mus., 17:28;
 FMNH; Carriker, 1955:51, 53; WFWZ, as "Las Ventanas, Santander"; CM;
 ANSP, as "Las Ventanas, Boyacá").
- LAS VENTANAS; Santander (WFWZ); see Las Ventanas, Norte de Santander.
- LA TABLAZA; Antioquia 0607/7539 (USBGN)
 ca. 1,600 m, in Central Andes on western slope on railroad 20 km SW of
 Medellín [0615/7535 (USBGN)] and 5 km S of La Estrella [0610/7539
 (USBGN)] (MHA, as "Tablaza"); collector ?, 3 May 1968 (Serna,
 1980:105, as "Tablaza").
- LA TETA; Cesar (MHA); see Las Tetas.

LA TETA; Valle del Cauca Not located
1,080 m (MVZ); Lehmann, 20 July (WFVZ), 18 Aug. 1958 (MVZ, as "Río Teta"); doubtless refers to a site on Río la Teta [0306/7634 (USBGN)], a tributary of upper Río Cauca [0854/7428 (USBGN)], S of Cali [0327/7631 (USBGN)], which is near Santander [0301/7628 (USBGN)], where Lehmann is known to have been in July and Aug. 1958; also see Buenos Aires.

LA TETA, RÍO (MVZ); see La Teta, Valle del Cauca.

LA TIGERA (ANSP); see La Tigra.

LA TIGRA; Valle del Cauca Not located
5,700 ft [1,750 m] (Hellmayr, 1911:1200); below and W of pass of Las Cruces [ca. 0330/7640] and below [?] Tocotá [0331/7639 (USBGN)], on old road from Cali [0327/7631 (USBGN)] to Buenaventura [0353/7704 (USBGN)] on western slope of central Western Andes (de Schauensee, 1948a:336); near San Antonio [0330/7638 (USBG)], as Fuertes was also there on 27 Mar. 1911 (CU); André, 13 Apr. 1899 (Simon & Dalmas, 1901:217; Hellmayr, 1911:1200); Fuertes, 26-27 Mar. 1911 (CU, as "El Tigre"); Chapman, 1917:645, as "El Tigre"; not to be confused with El Tigre [0457/7631 (USBGN)], Chocó.

LA TIGRERA; Magdalena 1110/7409 (USBGN)
170 m, 11 km SE of Santa Marta [1115/7413 (USBGN)], at foot of northwestern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); semiarid, Carriker, 28-29 Aug., 4 Sept. 1911, 28 Apr.-11, 17 May, 6 Nov. 1913 (Todd & Carriker, 1922:116; Carriker, 1959b:217; ANSP; YPM; CM; ANSP, sometimes as "La Tigra"); Carriker, 24-25, 27 May, 7 June, 11 July 1960 (WFVZ, sometimes as "Tigra"); Lehmann, date ? (Dugand, 1941b:357); Carriker, May 1960 (FMNH).

LA TIGRERA; Valle del Cauca Not located
7,000 ft [2,150 m], in upper Cauca valley in vicinity of Palmira [0943/7525 (USBGN)] and Miraflores [ca. 0335/7610], Fuertes, 22 Apr. 1911 (CU).

LA TIRANA; Antioquia ca. 0721/7503
ca. 500 m, at northeastern end of Central Andes, 30 km SW of Zaragoza [0730/7452 (USBGN)] and 30 km NNE of Anorí [0705/7508 (USBGN)], on Río Anorí [0726/7500 (USBGN)] (Atlas, 1977); Waide, Sept. 1970-July 1971 (FMNH, as "Providencia, La Tirana"); Providencia [0721/7503 (USBGN)] does not appear on our maps.

LA TRIBUNA (Olivares, 1969b:380); see La Tribuna, Estación.

LA TRIBUNA, ESTACIÓN; Cundinamarca 0452/7425 (USBGN)
ca. 2,600 m, not shown on our maps, but on railroad near Facatativá
[0449/7422 (USBGN)] on western edge of Sabana de Bogotá; collector ?,
date ? (Olivares, 1969b:380, as, "La Tribuna").

LA UNIÓN; Cundinamarca 0416/7417 (USBGN)
ca. 2,000 m, southern central Cundinamarca on western side of Eastern
Andes, 40 km SW of Bogotá [0436/7405 (USBGN)] and 15 km SSW of
Fusagasuga [0421/7422 (USBGN)] (MHA); identification of locality
uncertain; Marinkelle, 8 Apr. 1965 (UMMZ).

LA UNIÓN; Huila; see Tello.

LA UNIÓN; Valle del Cauca 0432/7608 (USBGN)
964 m; in upper Cauca Valley at eastern base of Western Andes, 35 km SW
of Cartago [0445/7553 (USBGN)] and 14 km WNW of La Victoria
[0431/7602 (USBGN)] (MHA, as "Lemos"); collector ?, date ? (Dugand,
1948a:161, a "Lemos"); Ramakka and Ramakka, between La Unión and
Santander de Quilichao [Santander, 0301/7628 (USBGN)], 1 May 1974 - 30
Apr. 1974 (Ramakka & Ramakka, 1979:534).

LA UVITA; Boyacá 0618/7234 (USBGN)
2,471 m, 14 km SE of Soatá [0620/7241 (USBGN)] and 4 km SSW of
Boavita [0620/7235 (USBGN)], on Quebrada Ocalaya [ca. 0618/7239
(IGAC [Boyacá]), a small tributary of Río Chichamocha [0646/7312
(USBGN)] on western slope of northern Eastern Andes (MHA; IGAC
[Boyacá]); Nicéforo, 12 Oct. 1940 (Nicéforo, 1945:390; ANSP); collector
?, date ? (Borrero & Hernández, 1958:277); collector ?, Nov. year ?
(Dugand, 1951b:161).

LA VEGA; Caquetá Not located
On Río Hacha [0136/7536 (USBGN)], which rises on lower eastern slopes
of southern Eastern Andes above Florencia [0136/7536 (USBGN)] (MHA);
Nicéforo, 28 Feb., 5, 19 Aug. 1951 (Nicéforo & Olivares, 1966:387;
Serna, 1980:64; Iafrancesco, et al., 1985:57; 1986:75, 123); probably a
hamlet on road which parallels river from the highlands to Florencia.

LA VEGA; Cundinamarca 0500/7421 (USBGN)
1,215 m, on western slope of central Eastern Andes, 37 km W of Zipaquirá
[0502/7400 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares,

1967:416; Olivares, 1969b:76); Acevedo, 16-18 Sept., Marinkelle, 15, 18 Sept. 1965 (WFVZ; LACMNH); also see Alto de la Viga.

LA VENTA; Cauca 0227/7648 (USBGN)
ca. 1,700 m, on eastern slope of Western Andes below Cerro Munchique [0232/7657 (USBGN)], 4 km S of El Tambo [0225/7649 (USBGN)] (MHA); von Sneider, Nov. 1936 (FMNH).

LA VENTUROSA; Meta ca. 0400/7255
ca. 200 m (MHA); finca near Laguna de Humasita [not located] a little S of Puerto López [0405/7258 (USBGN)], northern central Meta, Lehmann, dates ? (Lehmann, 1957:152); not on our maps.

LA VICTORIA; Caldas 0519/7455 (USBGN)
675 m, in Magdalena valley, 21 km NW of Honda [0512/7455 (USBGN)], on border with Magdalena; collector ?, date ? (Niséforo & Olivares, 1967:412, 423).

LA VICTORIA; Cundinamarca (Niséforo, 1947:352); see Hacienda la Victoria.

LA VICTORIA; Nariño 0132/7845 (USBGN)
ca. 30 m, on coastal plain in extreme SW Nariño, close to Ecuador, on Río Mira [0136/7901 (USBGN)], 7 km NW of Candelilla [0129/7843 (USBGN)] (MHA); collector ?, date ? (FMNH); doubtless von Sneider was the collector, as he was at Candelilla on 13 Mar. 1958 (Blake, 1959:6).

LA VICTORIA; Nariño ca. 0035/7710
2,800-3,200 m; region on eastern slope to SE of Ipiales [0050/7737 (USBGN)] on headwaters of Río San Miguel [0008/7551 (USBGN)], very near the Ecuador border, von Sneider, 21-23 May, June 1970 (FMNH; Fitzpatrick & Willard, 1982:154, 156-157).

LA VICTORIA, HACIENDA; see Hacienda la Victoria.

LA VIEJA; Chocó ca. 0524/7623
300 m, creek on hill just S of Bagadó [0525/7623 (USBGN)] on upper Río Andágueda [0531/7631 (USBGN)], upper valley of Río Atrato [0817/7658 (USBGN)] (de Schauensee, 1948a:340); Kerr, date ? (Chapman, 1917:648).

LA VIGA; Valle del Cauca 0320/7632 (USBGN)
ca. 1,000 m in upper Cauca Valley at eastern base of Western Andes, 12 km S of Cali [0327/7631 (USBGN)] (MHA); Olivares, July 1949 (FMNH).

LA VIGÍA; Meta ca. 0355/7330
350 m, ranch in llanos SE of Villavicencio [0409/7337 (USBGN)], along trail from Apiay [0405/7334 (USBGN)] to Surimena [0351/7317 (USBGN)] (de Schauensee, 1948a:340); collector ?, date ? (Dugand, 1941b:361).

LA VIGÍA; Nariño 0239/7818 (USBGN)
ca. 100 m, on island called Punta Mulato [ca. 0245/7815 (Atlas, 1992)] off northern coast of Nariño, 25 km NE of Mosquera [0230/7829 (USBGN)] and 35 km NW of Iscuandé [0228/7759 (USBGN)] (Atlas, 1992); Buttkus and Rubio, ca. 16 Oct. 1988 (Anonymous, 1989); Buttkus, 15-16 Oct. 1989 (Anonymous, 1990c); within Parque Nacional Natural Sanquianga, Naranjo, et al., Jan.-Feb. 1992 (Naranjo, 1993:30).

LA VIRGINIA; Cundinamarca; see Pubenza.

LA VIRGINIA; Risaralda 0454/7553 (USBGN)
ca. 900 m, in middle Cauca Valley at junction of Río Risaralda [0454/7552 (USBGN)] with Río Cauca [0854/7428 (USBGN)], 16 km NNE of Cartago [0445/7555 (USBGN)] and 12 km SW of Belalcázar [0459/7549 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:400).

LA X; Chocó Not located
400 m, ca. 50 km E of Quibdó [0542/7640 (USBGN)], eastern central Chocó, Pearman, 18 Oct. 1990 (Pearman, 1993:68).

LA Y (Borrero, 1972b:399); see La Ye.

LA YE; Córdoba 0849/7530 (USBGN)
ca. 100 m, on Caribbean coastal plain, 15 km S W of Sahagún [0857/7527 (USBGN)] and 45 km E of Montería [0846/7553 (USBGN)] (Atlas, 1977); collector ?, between Ciénaga de Oro [0853/7537 (USBGN)] and La Ye, date ? (Borrero, 1972b:399, as "La Y").

LÁZARO; Bolívar 0943/7519 (USBGN)
Alt. ?; in central Serranía de San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], a short distance W of San Carlos [0943/7514 (USBGN)] and slightly SW of Arroyo Camaroncito [ca. 0944/7519], Beattie, 5, 8, 11-14 Feb. 1961 (Haffer & Borrero, 1965:46, 47); not on our maps.

LEBRIJA; Bolívar (Borrero, 1972b:398); see Barranca de Lebrija.

LEBRIJA; Santander 0707/7313 (USBGN)
1,086 m, on western slope of northern Eastern Andes, 8 km W of Bucaramanga [0708/7309 (USBGN)] (MHA); Carriker, 900-2,000 m, 27 May, 2-4, 10-11, 14, 18, 21, 23, 26 Oct., 2-3, 11, 15, 27 Nov., 4 Dec. 1960, 24, 27 Jan., 10, 15, 19 Mar., 4, 29 Apr., 7, 9 May, 5 June, 24, 27 July, 7-8 Aug., 13, 20, 29 Nov. 1961, 4 Apr., May, 19 June, 7 Aug., 15 Oct., 22 Dec. 1962, 25 Apr., 4 June, 12, 31 July, 9, 13, 15 Oct., 22 Dec. 1963, 10, 19, 21, 24, 31 Mar., 24 Apr., 19, 21, 23 May, 21, 23 Aug., 31 Dec. 1964, 13, 15 Feb. 1965 (FMNH; WFWZ; YPM; MVZ; LACMNH; LSU).

LEBRIJA, ESTACIÓN RÍO; see Estación Río Lebrija.

LEBRIJA, RÍO; Santander 0808/7347 (USBGN)
Rises on western slope of northern Eastern Andes in vicinity of Bucaramanga [0708/7309 (USBGN)] and flows NW to middle Río Magdalena [1106/7451 (USBGN)], forming Ciénaga de Pita [0755/7340 (USBGN)] before reaching the river (MHA); Romero, on river near Ciénaga de Pita, 10 June 1972 (Olivares & Romero, 1973:47); also see Cedrito de Lebrija.

LEGÚIZAMO (WFWZ); see Puerto Leguízamo.

LEGÚIZAMO, PUERTO; see Puerto Leguízamo.

LEIVA; Boyacá 0538/7334 (USBGN)
2,149 m, in interior central Eastern Andes on western drainage, 21 km NW of Tunja [0531/7322 (USBGN)] (MHA); dry, thorny scrub (pers. obser.); A. H. Miller, 5 km W, at 2,150 m, 4-5 Jan., 25 km (by road) W, at 2,500 m, 5 Jan. 1945, and 7 km SW at 7,100 ft [2,150 m], 19-20 Jan. 1949 (Miller, 1947:356; MVZ); Gabriel, 13 Dec. 1963 (Iafrancesco, et al., 1986:66, as "Leyva"); Melampy, Nov. 1979-Mar. 1981 (Melampy, 1987, *Oecologia*, 73:294, as "Villa de Leyva"); some modern maps (e.g., Mapa, 1976) cite as "Villa de Leiva."

LE MOS (Dugand, 1948a:161); see La Unión, Valle del Cauca.

LENGUPÁ; Boyacá Not located
Collector ? date ? (Borrero, 1972b:399); probably this is Río Lengupá [0449/7304 (USBGN)], a tributary of Río Upía [0418/7245 (USBGN)], on eastern slope of central Eastern Andes in extreme southern Boyacá; see Páez [0505/7303 (USBGN)].

LEÓN, RÍO; Antioquia 0756/7645 (USBGN)
Short river rising through the confluence of several streams on plains to W of northern end of Western Andes and flowing N to empty into the head of Golfo de Urabá [0825/7653 (USBGN)] (MHA); Alvarez-López, 15 Jan. 1965 (Serna, 1980:96).

LEONERA (Todd, 1919:114); see La Leonera.

LEONERA, LA; see La Leonera.

LETICIA; Amazonas 0409S/6957 (USBGN)
ca. 100 m, on left bank of Amazon on southern boundary with Brazil in Trapecio Amazónico (MHA); von Sneider, 13, 15-16, 26, 30 Oct. 1939 (ANSP); Lehmann, 8 Oct.-8 Nov. 1939, Borrero, 13-20 Mar. 1946 (Dugand & Borrero, 1946:139ff); Nicéforo, 17 Mar. 1954, 3 Sept. 1955, 1956, 14 Jan., 25-26 Feb., 5, 7-8, 12, 17, 26, 28, 30 Mar., 8, 10-11, 13-14 Apr. 1957 (Olivares, 1965b:275; 1967:45; Nicéforo & Olivares, 1967:404; Serna, 1980:15, 29, p. 62, as "Leticia, Caquetá"; Iafrancesco, et al., 1985:47; 1986:43, 53, 54; 1987:73; 80, 131; 1988:125); von Sneider, date ? (Bond & de Schauensee, 1940:155, as "Letita"); von Sneider, Oct. 1940 (FMNH); Carriker, 21 Apr. (WVZ), 28 Nov. 1961 (LACMNH); Bernal, 14, 16, 18, 20 July 1965 (Olivares, 1967:47, 53; Romero, 1977b:2); Willis, 8-10 Jan. 1966 (Willis, 1988:139); collector, 17 Jan. 1966 (Serna, 1980:103); Marinkelle, 28, 30 Jan. 1968 (LACMNH), 17 Apr. 1968 [?], 26 Jan., Apr. 1969 (UMMZ); collector ? [Marinkelle ?], 28 Jan., Marinkelle, 10, 17-21 Apr., collector ? [Marinkelle ?], 15, 19, 22 Sept. (WVZ), Nov. 1968 (LSU); Remsen, 16 Oct.-20 May years ?, Remsen, 21 May, 12 July (Hilty & Brown, 1986:77, 154, 217, 521), 5-6 Aug., 3 Nov. 1974 (Remsen & Hunn, 1979:24), 28 Sept. 1974 (Hilty & Brown, 1986:519), 19 July (Remsen, 1977a:93), 14 July, 4, 9, 11 Aug. 1975, Remsen and Hunn, 5-6 Aug., 3 Nov. 1974, 7, 11 Aug. 1975, Faust, 20 July 1978 (Hilty & Brown, 1986:160, 168, 182, 523, 663); Hunn, 7, 11 Aug. 1975 (Remsen & Hunn, 1979:25); Brown, Mar. year ?, 16 Nov. year ?, Hilty, 24 Jan., 24 July, 24, 30 Aug. year or years ?, 21 July 1976, 24 July 1978, Remsen, 17 Nov. 1979, Hilty and Ridgely, 17-22 Feb. 1984, Remsen, late July-mid-Sept. year ?, Alden, et al., date ?, Alden and Hilty, 7-9 Mar. year ?, Parmeter, et al., 14 July 1975, Kaestner, 22 Aug. year ?, Ridgely, 15 Jan. 1983 (Hilty & Brown, 1986:44, 77, 80, 93, 95, 107, 108, 150, 164, 216, 334, 513, 661, 662); A. H. Miller, 8 and 12 km E, 17 May 1958 (MVZ); Pearman, ca. 10 km N, 28 Feb. 1987 and Willis and McCann, same locality, 5 Aug. 1989 (Pearman, 1993:70); see, also, Nazaret, Amazonas and Zaragoza, Amazonas.

LETICIA; Caquetá (Serna, 1980:62); see Leticia, Amazonas.

LETITA (Bond & de Schauensee, 1940:155); see Leticia.

LETRAS, PÁRAMO DE; Caldas ca. 0510/7520
3,400 m, near crest of Central Andes, N of Nevado del Ruiz [0454/7518 (USBGN)] and at pass through which crosses road from Manizales [0505/7532 (USBGN)] to Fresno [0509/7501 (USBGN)], collector ?, on western side, date ? (Dugand, 1951b:163).

LEYVA (Iafrancesco, et al., 1986:66); see Leiva.

LÍBANO; Tolima 0455/7504 (USBGN)
1,585 m, on eastern slope of north-central Central Andes, 28 km ENE of Nevado del Ruiz [0454/7518 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:321, as "El Líbano, Tolima"); Mejía, 1981 (Mejía, 1983).

LÍBANO, EL; see El Líbano.

LÍBANO, SIERRA DEL (Todd & Carriker, 1922:113); see El Líbano. Magdalena..

LIBANS, EL (Cory, 1918, Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt. 2, no. 1, p. 220); see El Líbano, Magdalena.

LIMA, RÍO; Valle del Cauca ? Not located
Batty, 25 June, July, 2, 4, 8-9, 23, 25, 27 Aug., 7, 14-15 Sept. 1898 (MCZ, as "Río Lima, Cauca"; CU); presumably in upper Cauca valley, where Batty is known to have made extensive collections.

LIMÓN, CAÑO (Stiles, 1995a:121); see Agua de Limón, Caño.

LIMÓN, EL; see El Limón.

LIMÓN, PUERTO; see Puerto Limón

LIMÓN, RINCÓN DEL; Cesar ca. 0757/7340 (IGAC [Cesar])
ca. 100 m, a lake 17 km E of main channel of Río Magdalena [1106/7451 (USBGN)], 7 km N of Puerto Oculito [0753/7340 (USBGN)], on eastern side of Ciénaga de Pita [0755/7340 (USBGN)] (IGAC [Cesar]); presumably equivalent to "Puerto Limón" of Romero, 11 Apr. 1970, 2 Apr., 9 Aug. 1971, 24 Jan., 28 Feb., 18-20 Mar., 20-22 May, 10 June 1972 (Olivares & Romero, 1973:49ff, as "Puerto Limón").

LIMONAR (MVZ); see El Limonar (2).

LIMONAR, EL; see El Limonar.

LIMONES, BOCA DE; Cauca ca. 0239/7756
The northernmost of the two mouths (the other is Boca Guapí) of Río Guapí [0239/7756 (USBGN)] in southern Cauca, almost on Nariño boundary (MHA); Olivares, in area, 21 Nov. 1955-19 Jan. 1956 (Olivares, 1957a:361; 1957b:37); see, also, Guapí.

LISAMA, QUEBRADA; Santander ca. 0710/7355
Small affluent of Río Sogamoso [0713/7356 (USBGN)] near latter's confluence with Río Magdalena [1106/7451 (USBGN)], sites of Peroles [ca. 0710/7355] and Caño Muerto [ca. 0710/7355] in region, uninhabited, 90% virgin forest, Borrero and Hernández, Nov. 1956, and also at a "meseta" between Quebrada Lisama and Quebrada Roja [ca. 0710/7355] (Borrero & Hernández, 1957b:201; Borrero, Olivares, & Hernández, 1962:586); Olivares, 3 km S, 1959 (ANSP).

LLANA FRIA; Santander 0656/7329 (Borrero & Hernández, 1961:442)
800 m, on western slope of northern Eastern Andes at southern end of Cordillera de la Paz [0705/7325 (USBGN)] in municipality of San Vicente [San Vicente de Chucurí, 0655/7330 (USBGN)] in valley of Quebrada de la Llana [= ? Río Llana, 0651/7345 (USBGN)], an affluent of Río Oponcito [Río Oponcito, 0652/7345 (USBGN)], Borrero and Hernández ?, 11 Oct.? 1956 (Borrero & Hernández, 1957b:197ff; 1961:442, 443; Borrero, Olivares, & Hernández, 1962:599); 10 km W of San Vicente de Chucurí [0654/7325 (USBGN)] (IGAC [Boyacá]).

LLANO BAJO (Hilty, 1977:44); see Llanobajo.

LLANOBAJO; Valle del Cauca 0344/7657 (USBGN)
ca. 100 m, on western slope of western Andes on right bank of lower Río Anchicayá [0346/7710 (USBGN)] shortly before it reaches the coastal plain, on old road to Buenaventura [0353/7704 (USBGN)]; Lehmann, May 1957 (FMNH); Hilty and Gniadek, 2 Feb. 1973 (Hilty, 1977:46, as "Llano Bajo"); region of disturbed forest, Hilty, May 1972-June 1973 (Hilty, 1980:266, as "Llano Bajo").

LLANO DE LOS MONOS (de Schauensee, 1948a:321); see El Recreo.

LLANO DE OVEJAS; see San Pedro, Antioquia.

LLANO GRANDE; see Ríonegro.

LLORENTE; Nariño 0049/7715 (USBGN)
ca. 1,500 m, on eastern slope, 40 km E of Ipiales [0050/7737 (USBGN)]
and 13 km WSW of Monopamba [0050/7711 (USBGN)] on Río Afiladores
[0049/7711 (USBGN)] (Atlas, 1977); von Sneider, 27 May, 1, 3, 29-30
June, 1 July 1970 (FMNH; Fitzpatrick & Willard, 1982:154, 155).

LOBOGUERRERO; Valle del Cauca 0346/7641 (USBGN)
ca. 1,000 m (Atlas, 1992), in central part of state, 28 km NW of Yumbo
[0335/7628 (USBGN)] and 27 km SW of Darién [0356/7631 (USBGN)]
(Mapa, Valle, 1973); collector ?, date ? (Cantillo, 1983:72).

LOMA, LA; see La Loma.

LOMA ALTA; Cauca ca. 0302/7638
ca. 1,000 m (MHA); in valley of upper Río Cauca [0854/7428 (USBGN)],
near Buenos Aires [0302/7638 (USBGN)] and the border with Valle del
Cauca, Pazos, 16 Apr. 1973 (MCZ); not shown on our maps.

LOMA HERMOSA; Caldas (de Schauensee, 1948b:307); see Loma Hermosa,
Risaralda.

LOMA HERMOSA; Risaralda ca. 0512/7609
1,200-1,500 m, on western slope of central Western Andes a few km W of
Pueblorrico [0512/7608 (USBGN)], on Río Jarrá [Quebrada
Jarrá, 0513/7609 (USBGN)] (de Schauensee, 1948a:307, as "Loma
Hermosa, Caldas"); Palmer, at 4,150 ft [1,350 m], 18-20, 22-23 Oct. 1909
(Hellmayr, 1911:1112ff); not on our maps.

LOMA LARGA; La Guajira ca. 1103/7256 (MHA)
820 m, on extreme northeastern Sierra Nevada de Santa Marta [1050/7340
(USBGN)], 5 km NW of Cerro de los Solanos [ca. 1101/7254 (MHA)] and
18 km NNW of Fonseca [1054/7251 (USBGN)] (MHA); not shown on
recent maps; heavy forest, Carriker, 28-29 July 1920 (Todd & Carriker,
1922:117, 578); Hernández, date ? (Serna, 1984:24).

LOMITAS; Valle del Cauca 0338/7638 (USBGN)
4,526 ft [1,400 m], humid, subtropical (Chapman, 1917:648, as "Las
Lomitas"); railway station 11 km ESE of Dagua [0340/7641 (USBGN)] and
13 km SW of La Cumbre [0340/7635 (USBGN)] on Pacific slope of
Western Andes, 28 km NW of Cali [0327/7631 (USBGN)] (Mapa, Valle,
1973); Richardson, 26 Feb.-9 Mar. 1911 (Chapman, 1917:21, as "Las

Lomitas"; MCZ); collector ?, date ? (Cantillo, 1983:72); Todd, 1916, Bull. Amer. Mus. Nat. Hist., **35**:552, as "Las Lomitas, Cauca"; not same as La Cumbre [0339/7633 (USBGN)], *contra* Todd, 1942, Ann. Carnegie Mus., **29**:365.

LOMITAS, LAS (Chapman, 1917:21); see Lomitas.

LÓPEZ, PUERTO; see Puerto López.

LORENZO, EL (Allen 1900a:147); see San Lorenzo, Cuchilla.

LORETO, ISLA; Amazonas 0351S/7015 (USBGN)
ca. 100 m, 50 km NW of Leticia [0409S/6957 (USBGN)] and about midway between Colombia's borders on the Amazon (MHA); said by Dugand and Borrero (1946:134) now to be called "Isla Mocagua," but this name does not appear in USBGN or on our maps, and also that it is the largest Colombian island in the Amazon; Borrero, 26 Mar.-2 Apr. 1946 (Dugand & Borrero, 1946:138ff, as "Isla de Mocagua"); Nicéforo, 1947:338, as "Mocagua"; Olivares & Hernández, 1962:76, as "Isla de Macagua."

LORETOYACU (Salvadori, 1891:347); see Loreto-yacú, Río.

LORETO-YACÚ, RÍO; Amazonas 0349S/7026 (USBGN)
Tributary on left bank of Amazon, entering at Puerto Nariño [ca. 0349S/7026 (Atlas, 1977)], 60 km NW of Leticia [0409S/6957 (USBGN)], in the Trapecio Amazónico (Atlas, 1977; MHA); formerly in Peru; Hauxwell, 1860s (Salvadori, 1891, Cat. Birds Brit. Mus., **20**, p. 347; Dugand & Borrero, 1946:131, 133, as "Loretoyacu"); Borrero, 23, 25 Mar., 2-8, 10 Apr. 1946 (Dugand & Borrero, 1946:138ff); see Puerto Nariño, also.

LORICA; Córdoba 0914/7549 (USBGN)
15 m, on coastal plain, 20 km inland from Caribbean, on lower Río Sinú [0924/7549 (USBGN)] (MHA); Carriker, 14-19, 21-24 Feb. 1916 (Todd, 1917:6; Carriker, 1955:53; CM); Borrero, June 1970 (Borrero, 1973:81, as "Ciénaga de Lorica"); collector ? [Borrero ?], date ? (Borrero, 1972b:398); Isaza, 5, 7, 9 May, 5 Aug., 1, 6, 10, 13, 15 Oct. 1972, Serna, 12 Oct. 1972, Serna and Isaza, 12-13 Oct. 1972, 10 Sept., 10, 20 Nov. 1977, Isaza, at Cotocá [Cotocá Abajo, 0913/7551 (USBGN)], 12-13, 22 Oct. 1972, 18 Nov. 1977, Isaza, at Bellavista [0913/7415 (USBGN)], 2 Aug. 1972, Serna, at Bellavista, 12 Oct. 1972, (Serna, 1980:5, 6, 7, 11, 16, 20, 26, 40, 59-60, 94).

LORICA, CIÉNAGA DE (Borrero, 1973:81); see Lorica.

LOS AMARILLOS, FINCA; see Finca los Amarillos.

LOS ANDES; Valle del Cauca ca. 0316/7608 (Mapa, Valle, 1973)
1,500+ m, on western slope of Central Andes in southeastern corner of
Valle del Cauca, collector ?, date ? (Cantillo, 1983:72); not to be confused
with another site bearing this name at 0341/7645 (USBGN).

LOS ANDES, LAGUNA DE Not located
Collector ?, Oct. 1915 (Nicéforo, 1923:334).

LOS ANGOSTURA (Emerson & Price, 1980:813); see Angostura.

LOS CABALLEROS, MESETA DE; Santander ca. 0656/7341
280 m, on western slope of northern Eastern Andes at southern end of
Cordillera de la Paz [0705/7325 (USBGN)], in municipality of San Vicente
de Chucurí [0655/7330 (USBGN)], Borrero and Hernández, 5 km NW of
Hacienda de la Albania [Albania, 0655/7339 (USBGN)] near Quebrada de
la Nutria [ca. 0654/7325 (Dicc. Geog.; USBGN)] on abandoned road
between hacienda and Quebrada Lisama [ca. 0710/7355], Nov. 1956
(Borrero & Hernández, 1957b:201; Borrero, Olivarez, & Hernández,
1962:586).

LOS CISNEROS (Chapman, 1917:649); see Cisneros.

LOS CORRALES; Cundinamarca ? ca. 0411/7430
Alt. ?; 3 km SW of Melgar [0412/7439 (USBGN)], Arvey, 8 Jan. 1960
(LACMNH); if the description is correct the site is in Tolima.

LOS CUROS; Santander 0656/7301 (USBGN)
700 m (MVZ); on western slope of northern Eastern Andes, on highway in
northeastern Santander, 7 km SSE of Piedecuesta [0659/7303 (USBGN)
(MHA); Carriker, 3, 9 Jan 1965, Carriker, 9 Jan. 1965 (MVZ).

LOS GORROS; La Guajira ca. 1103/7256
ca. 600 m (MHA); at northeastern base of Sierra Nevada de Santa Marta
[1050/7340 (USBGN)], ca. 16 km NW of Fonseca [1054/7251 (USBGN)]
and just N of Pajales [ca. 1102/7256 (MHA)] and La Cueva [ca. 1101/7256],
dense forest, much undergrowth, Carriker, 23-28, 30 Apr., 1-8 May 1945
(USNM; Wetmore, 1970:774).

LOS GUÁCHAROS, CUEVA DE; Huila 0135/7600 (McKay, 1980a:107)
 2,000 m (Lehmann, 1961:523); in Parque Nacional Natural Cueva de los
 Guácharos [0135/7601 (WCMC); at headwaters of Río Suaza [0210/7541
 (USBGN)], on western slope near crest of southern Eastern Andes, extreme
 southeastern Huila, S of San Adolfo [0137/7559 (USBGN)], SE of Palestina
 [0145/7604 (USBGN)], and in region of Acevedo [01149/7552 (USBGN)]
 (Inst. Geo. "Agustín Codazzi," Hoja de Ruta, No. 6, ca. 1975; Ramírez,
 1954:146); in index, but locality not in Atlas, 1977, nor on any other of
 our accurate maps; collector ?, date ? (Dugand, 1948a:186); Lehmann, 19
 [9]-14 May 1961 (Lehmann, 1961:523); Marinkelle, 11 May 1962
 (LACMNH); Almairo, 21 Oct. 1971 (Hernández & Rodríguez, 1979:574);
 collector ?, at 1,900 m, 21 Sept. 1975, at altitude ?, June, July 1976, and
 Gertler, at altitude ?, 8 Oct. 1975 (Gertler, 1977: 389), Apr. 1976, late
 May year ?, 8 Aug. year ? (Hilty & Brown, 1986:211, 212, 213); McKay,
 8-12 Mar. 1978 (McKay, 1980a:107, as "Cave of the Oilbirds National
 Park").

LOS JAMBOS (Hellmayr, 1936, Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt.
 9, p. 202); see Los Tambos.

LOS KATÍOS, PARQUE NACIONAL NATURAL; Chocó/Antioquia 0750/7710
 (WCMC)
 150-660 m, national park of 72,000 ha in northern Chocó and contiguous
 Antioquia, encompassing a portion of the lower Río Atrato [0817/7658
 (USBGN)], extending E to Ciénagas de Tumaradó [0745/7659 (USBGN)]
 and bordered on the S by Río Cacarica [0744/7705 (SBGN)] and Río
 Perancho [0740/7710 (USBGN)], on the W by Parque Nacional Darién in
 Panama, and on the N by Panama and Alto Limón [0758/7709 (USBGN)]
 (Dicc. Geog.; Rodríguez, 1982:x); see Sautatá, Tanela, and Titupú.

LOS LAGARTOS, CLUB; Cundinamarca Not located
 On Sabana de Bogotá, collector ?, date ? (Olivares, 1969b:69); Nicéforo &
 Olivares, 1964:10, as "Club de los Lagartos".

LOS LAGARTOS, CLUB DE (Nicéforo & Olivares, 1964:10); see Los
 Lagartos, Club.

LOS MANGOS (Hellmayr, 1911:1085); see Juntas, Valle del

LOS MENHIRES, VALLE DE; Guaviare ca. 0105/7240 (Stiles, 1996:6)
 In Sierra de Chiribiquete [0122/7241 (USBGN)], 7 km SW of mouth of Río
 Ajaju [0059/7220 (USBGN)] (Stiles, 1996:6); Stiles, et al., 18 Nov.-2 Dec,
 1992 (Stiles, 1996:3, 5)

LOS MICOS; Boyacá (Nicéforo & Olivares, 1965:43); see Los Micos, Meta.

LOS MICOS; Meta 0317/7353 (USBGN)
450 m (Blake, 1962:71); in llanos 18 km S of San Juan de Arama [0326/7350 (USBGN)] and close to northern end of Serranía de la Macarena [0245/7355 (USBGN)]; not shown on our maps but presumably this is the "El Mico" of Philipson, et al.. (1951:189); von Sneidern, Feb.-Apr. 1950 (FMNH; Blake, 1962:71); collector ?, date ? (Borrero, 1972b: 401); Nicéforo, 20, 28 Mar., 20 May 1950 (Serna, 1980:52, as "El Mico"; Iafrancesco, et al., 1985:55; 1987:103); Stebbins, 26 Nov., Hendrickson, 28, 30 Nov., Stebbins and Hendrickson, 41 km S [= collection locality or 41 km S of San Martín ?], 30 Nov 1950 (MVZ, as "El Mico"; identification uncertain as collectors place El Mico, variously at 41 km W, 41 km S, and 22 km E of San Martín [0342/7342 (USBGN)]); von Sneidern, 15 Apr. 1957 (CM); Nicéforo & Olivares, 1964:23, as "Casa del Mico"; Nicéforo & Olivares, 1965:43, as "Los Micos, Boyacá."

LOS MONOS; Santander Not located
Listed by de Schauensee (1948a:312) and quoted as being near Bucaramanga [0708/7309 (USBGN)], but source of record not indicated.

LOS MONOS, LLANO DE (de Schauensee, 1948a:321); see El Recreo.

LOS MONOS, PLANO DE (Simon & Dalmás, 1901:216); see El Recreo.

LOS NARANJOS; Magdalena 1118/7354 (USBGN)
150 m, on small stream, ca. 5 km inland from Caribbean (MHA, as "Naranjo"); Smith, July 1898 or 1899 (Allen, 1900a:127, as "Naranjo").

LOS NEGRITOS; Valle del Cauca 0354/7724 (USBGN)
Sea level, rocks in Pacific off mouth of Río San Juan [0403/7727 (USBGN)] (MHA); Borrero, 23-31 Mar. 1968 (Borrero, 1968c:39).

LOS PALMICHALES (Dugand, 1939:529); see Arroyo de Piedra.

LOS PATIOS; Norte de Santander 0751/7230 (USBGN)
ca. 400 m, on eastern slope of northern Eastern Andes, 5 km S of Cúcuta [0754/7231 (USBGN)] (IGAC [N. de Santander]); Carriker, 2, 4 Sept. 1943 (USNM, as "Cúcuta").

LOS PAVITOS; Meta 0405/7325 (USBGN)
ca. 300 m, in llanos, between Ríos Guatiquía [0411/7304 (USBGN)] and Guayuriba [0355/7305 (USBGN)], 30 km ESE of Villavicencio [0409/7337

(USBGN)]; Borrero, date ? (Nicéforo, 1945:374-375, as "Pavitas"); Atlas, 1977, as "Pavitos."

LOS PENDALES; Atlántico 1037/7513 (USBGN)
20 m (Borrero & Hernández, 1958:277); in western Atlántico, ca. 3 km from border with Bolívar, 5 km W of Laguna de Luruaco [1037/7510 (USBGN)] (Atlas, 1977, as "Pendales"); formerly wooded, now much cultivation, Giacometto and Dugand, 5-8 Oct., 19 Nov. 1936, 4-5 Apr. 1937, 6 Feb., 8 Aug., 4-5 Sept. 1938, and Dugand, Borrero, and Cortés, 11-13, 15, 18-19 Jan. 1947 (Dugand, 1947c:529, 530, 541); Giacometto, 4 Sept. 1939, and Dugand, Feb. 1940 (Dugand, 1940d:25, 28, 35); collector ?, 19-20 July 1938 (Dugand, 1946:280).

LOS SANTOS, LA MESA DE (Hernández & Romero, 1978:356); see Jéridas, Mesa de.

LOS TAMBOS; Valle del Cauca ? Not located
1,800 m, probably on Pacific slope, because *Cephalopterus penduliger* is recorded from there (de Schauensee, 1948a:335), possibly in municipio Pradera [0325/7610 (USBGN)] (Dicc. Geog.); Batty, June, 2, 10 Aug., Sept. 1898 (MCZ, also as "Tambos"); Batty is known to have spent considerable time in vicinity of Cali [0327/7631 (USBGN)] and this locality may have been along route from there to Buenaventura [0353/7704 (USBGN)].

LOS VADOS; Norte de Santander 0747/7231 (USBGN)
Alt ?; short distance S of Cúcuta [0754/7231 (USBGN)]; not indicated on our maps; Nicéforo, 10 Aug. 1955 (Iafrancesco, et al., 1987:76, as "Los Vahos").

LOS VAHOS (Iafrancesco, et al., 1987:76); see Los Vados.

LOURDES; Norte de Santander 0757/7250 (USBGN)
1,406 m, on eastern slope of northern Eastern Andes, ca. 37 km W of Cúcuta [0754/7231 (USBGN)] (MHA); Nicéforo, date ? (Nicéforo, 1945:393).

LUISIANA, LA; see Madrid.

LUISITO, CAÑO; Santander ca. 0605/7312
1,800 m, near Virolín [0605/7312 (USBGN)] and Charalá [0617/7310 (USBGN)], southeastern Santander, Romero, at head of stream, 5 Mar. 1981 (Romero, 1983:778, 785); not indicated on our maps.

LURUACO; Atlántico

1037/7510 (USBGN)

ca. 100 m, on eastern side of Laguna de Luruaco [1037/7510 (USBGN)], ca. 8 km inland from coast and midway between Cartagena [1025/7532 (USBGN)] and Barranquilla [1059/7448 (USBGN)] (MHA); Giacometto and Dugand, 14 May, 8 Aug., 25 Sept. 1938, and Borrero, Dugand, and Cortés, 11 Jan. 1947 (Dugand, 1947c:530, 541); collector ?, between Luruaco and Barranquilla, date ?, and between Luruaco and Cartagena (Borrero, 1972b:398).

MACACUNÍ; Guainía

0116/6653 (Dugand & Phelps, 1948:228)

100 m, in extreme eastern Colombia where Colombia, Venezuela, and Brazil meet on western bank of upper Río Negro [0308S/5955 (USBGN)], S of mouth of Río Macacuní [0118/6654 (USBGN)], across from El Carmen [0116/6652 (USBGN)], Venezuela, Castro, whose specimens are labeled "Colombia, across from El Carmen, Venezuela," mid-Aug. to early Sept. 1947 (Dugand & Phelps, 1948:228; Aveledo & Pons, 1952, Noved. Cient. Mus. Hist. Nat. La Salle, Ser. Zool., no. 7, p. 11).

MACAREGUA (Nicéforo & Olivares, 1966:373); see Macaregua, Laguna de.

MACAREGUA, LAGUNA DE; Santander

ca. 0638/7324

ca. 1,350 m, on western slope of Eastern Andes, in municipality of Barichara [0645/7310 (USBGN)], 20 km W of Barichara [0638/7314 (USBGN)] (MHA); not shown on our maps; collector ?, date ? (Nicéforo & Olivares, 1964:5, 10; Nicéforo & Olivares, 1966:373, as "Macaregua").

MACARENA; see La Macarena, Serranía de.

MACATAMA, PÁRAMO OF (Chapman, 1917:650); see Macotama, Páramo de.

MACHAPO; La Guajira

ca. 1135/7250 (Marinkelle, 1970:16 (map))

ca. sea level, on coast a short distance NE of Ríohacha [1133/7255 (USBGN)], lower Península de la Guajira [1200/7130 (USBGN)], collector ?, date ? (Marinkelle, 1970:16 (map)).

MACHETA; Cundinamarca 0505/7337 (USBGN)
2,135 m, on eastern slope of central Eastern Andes at headwaters of Río Machetá [0500/7332 (USBGN)], 11 km SE of Chocóntá [0509/7341 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1966:384).

MACOTAMA; La Guajira 1055/7330 (USBGN)
ca. 2,500 m, in valley of Río [Quebrada] Macotama [1055/7330 (USBGN)] on northeastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (Atlas, 1977); Brown, June 1898 (Bangs, 1898c:174), 24, 29 Jan., 2-5, 14, 20, 25-26, 28-29 Feb., 1-5, 7, 10-11, 14, Mar., 7, 12, 17, 21, 24 June, 18-19 Oct. 1899 (Bangs, 1899a:95; MCZ); Carriker, 4-5 Apr., 5, 11, 20, 22, 28 May, 2-3, 5-8 Sept. 1913, 8-13 Apr. 1914 (Todd & Carriker, 1922: 118; ANSP, as "Macotama, Magdalena").

MACOTAMA; Magdalena (ANSP); see Macotama, La Guajira.

MACOTAMA, LAGO DE; La Guajira ca. 1056/7322
15,000 ft [4,600 m], in Páramo de Chirigua [Páramo de Chirigua, 0156/7322 (USBGN)], at headwaters of Quebrada Macotama [1055/7330 (USBGN)] on northeastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Carriker, 6, 8, 20-22 Apr. 1914 (Todd & Carriker, 1922:447, as "Lake Macotama"; Carriker, 1960:332; CM); see, also, Chirigua, Páramo de and San Miguel, La Guajira.

MACOTAMA, LAKE (Todd & Carriker, 1922:447); see Macotama, Lago de.

MACOTAMA, PÁRAMO DE; La Guajira 1056/7337 (USBGN)
11,800 ft [3,350 m] (Bangs, 1899a:92); on northeastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], above village of Macotama [1055/7330 (USBGN)] (MHA); Brown, 1-5, 20, 28-29 Feb., 1-3, 6-8, 11, 31 Mar., 18 Oct, 1899 (Bangs, 1899a:91; 1907:55; MCZ); Carriker, 17, 20 Apr. 1914 (Todd, 1916, Proc. Biol. Soc. Washington, 29:97; UMMZ); Chapman, 1917:650, as "Páramo of Macatama."

MACUIRA, PARQUE NACIONAL NATURAL (Andrade & Mejia, 1988); see Macuria, Serranía de.

MACUIRA, PARQUE NACIONAL SERRANÍA DE LA (Andrade, 1985); see Macuire, Serranía de.

MACUIRA, SERRANÍA DE; La Guajira 1210/7120 (USBGN)
822 m, low mountains, ca. 15 x 40 kms, isolated at northeastern tip of Península de Guajira [1200/7130 (USBGN)] (MHA); Carriker, at Nazareth

[1211/7117 (USBGN)] on northeastern slope, 21-29 Apr., 1 May 1941 (Wetmore, 1968:325-326, as "Nazaret, Macuire") and Wetmore and Carriker, 2, 5, 13 May 1941 (Wetmore, 1946b:l; 1953:1, 12, both as "Nazaret"), and Carriker, 24 Feb. 1949 (Carriker, 1955, Bol. Entom. Venezolana, 11(3-4):125, as "Nazaret"); Marinkelle, at northeastern base at Internado Guajira, Káitpauohu, Kayúspanau, Sietuhu, Titujura, Soúruain, Nazareth, and Mukurraruhu, all within a few kms of Nazareth, 10-14 Jan. 1968 (Marinkelle, 1970:15-34); Andrade and Mejia, 15 June-15 July 1984, 15 Dec. 1985 - 15 Jan. 1986 (Andrade, 1985a, b, as "Parque Nacional Serranía de la Macuira"; Andrade & Mejia, 1988:149, as "Parque Nacional Natural Macuira").

MACUIRE (Wetmore, 1968:325); see Macuira, Serranía de.

MADRID; Cundinamarca 0444/7416 (USBGN)
2,585 m, on Sabana de Bogotá on railway ca. 25 km NW of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, Oct. 1917 (Niséforo, 1923:324); Torres, at hacienda "La Luisiana," 17 Oct. 1972 (Torres, 1975:151); Borrero, date ? (Borrero, 1947:498); Olivares, 1969b:275, as "Serrezuela."

MADRIGAL, EL; see El Madrigal.

MAGANGUÉ; Bolívar 0914/7445 (USBGN)
27 m, on left bank of Brazo de Loba [0920/7442 (USBGN)] of lower Río Magdalena [1106/7451 (USBGN)], 15 km N of mouth of Río San Jorge [0907/7444 (USBGN)] and 20 km S of branching of Brazo de Mompós [0925/7444 (USBGN)] (MHA); cited by Dugand (1938:541) as a Chapman locality; Fuertes, 19 Apr. 1911 (CU); Dugand, nearby, date ? (Dugand, 1940d:27); Robinson, nearby, 25 June 1892 (Robinson, 1895:58).

MAGDALENA, DEPARTAMENTO DEL ca. 1020/7430
Northern Colombia on right side of mouth of Río Magdalena [1106/7451 (USBGN)]; extends from Caribbean ca. 250 km S and consists mostly of lowlands except for NE which encompasses most of western half of Sierra Nevada de Santa Marta [1050/7340 (USBGN)]; formerly included Cesar; bordered on N by Caribbean, on E by La Guajira and Cesar, on S and W by Bolívar, and on NW by Atlántico; generally dry except for on Sierra Nevada de Santa Marta; Santa Marta [1115/7413 (USBGN)] is the major city; Paloolian, localities ?, 9-10, 15, 19, 21 [on this date also at Montería [0846/7553 (USBGN)], Córdoba !] Nov. 1929 (LACMNH).

MAGDALENA, RÍO

1106/7451 (USBGN)

Major river, ca. 1,500 km in length, rising near southern end of country in southern Central Andes in vicinity of Páramo de las Papas [0155/7633 (USBGN)] and flowing N between Central and Eastern Andes, through a succession of dry, moist, and semiarid habitats, to enter Caribbean N of Barranquilla [1059/7448 (USBGN)] at Bocas de Ceniza [1107/7451 (USBGN)] (Mapa, 1976; Atlas, 1977); Robinson, on lower Magdalena from Baranquilla to Honda [0512/7445 (USBGN)], 23-30 June, 1-2, 16-20 July 1892 (Robinson, 1895:47-126); Chapman, Cherrie, et al., at 75 m, where ?, 23 Jan. 1913 (MVZ); Meeth and Meeth, between mouth and Barranquilla, 9-23 Nov. 1977 (Meeth & Meeth, 1979a, 1979b); Snyder and Kale, in vicinity of Barranquilla, 28 Apr.-5 May 1978 (Snyder & Kale, 1983).

MAICAO; La Guajira

1123/7213 (USBGN)

ca. 50 m, on plains of southern Península de la Guajira [1200/7130 (USBGN)], 78 km SE of Ríohacha [1133/7255 (USBGN)] and 11 km from Venezuela border (Mapa, 1976); von Sneidern, 14, 18 Mar. 1940, 14, 19 Apr. 1941 (ANSP); Wetmore and Carriker, 14-15 Apr. 1941 (Wetmore, 1958:2; 1962, *Smiths. Misc. Coll.*, **145**, no. 1, p. 12); Lehmann, 15-16 Apr. 1941 (Lehmann, 1945:100); von Sneidern, Apr. 1941 (FMNH, as "Miacao"); Haffer, in vicinity, July 1960 (Haffer, 1961b:374); Serna, 1980 and/or 1981, Hernández, date ? (Serna, 1984:24).

MAIPURES; Vichada

0511/6751 (USBGN)

115 m, on western bank of Río Orinoco [0837/6215 (USBGN)], 10 km S of Raudal Maipures [0511/6749 (USBGN)] (Atlas, 1977; Mapa, 1976); Cherrie, 6 Dec. 1898 - 31 Jan. 1899, Miller and Iglseeder, 30 Dec. 1912-Jan., Apr. 1913 (Dugand & Phelps, 1946:243ff); Lemke, Apr. 1977 (Hilty & Brown, 1986:525).

MÁLAGA, BAHÍA DE; Valle del Cauca

0355/7720 (USBGN)

Large bay, ca. 30 km NW of Bahía de Buenaventura [0348/7717 (USBGN)], formerly known as Bahía de Magdalena (MHA); Murphy and Correia, 17, 19 Mar. 1941 (Dugand, 1947a:386, 389); Borrero, 18 Feb. 1968, 5 Dec. year ? (Borrero, 1968c:39); also see Muerte, Isla de la.

MALAGITA; Chocó (Todd, 1919:116); see Malaguita.**MALAGUITA; Valle del Cauca**

0410/7710 (USBGN)

20 m (de Schauensee, 1948a:308); on Pacific coastal plain on left bank of lower Río San Juan [0403/7727 (USBGN)] 35 km from mouth and 11 km WNW of Palestina [0409/7704 (USBGN)] (MHA); village may have been abandoned as it appears on no recent map; Carriker, 18 Mar. [?], 8-9, 11,

13-18 May 1918 (Todd, 1919:116, as "Malagita, Chocó"; CM; ANSP, as "Malagita, Chocó"); Carriker, 1955:61, as "Malaguito."

MALAGUITO (Carriker, 1955:61); see Malaguita.

MALAMBO; Atlántico 1052/7447 (USBGN)
15 m (de Schauensee, 1948a:309); on western bank of lower Río Magdalena [1106/7451 (USBGN)], 14 km S of Barranquilla [1059/7448 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:398).

MALENA; Antioquia 0627/7430 (USBGN)
450 ft [150 m] (Chapman, 1917:649); earlier figure of 1,500 ft [300 m] (Chapman, 1915b:642) doubtless erroneous; 10 km SW of Puerto Berrío [0629/7424 (USBGN)], on western edge of Magdalena Valley at foot of eastern side of northern Central Andes (MHA); dense forest with little understory [1915], Miller and Boyle, 9 [10 ?]-11 Mar. 1915 (Chapman, 1917:60, 649); collector ?, 9 Mar 1921 (Iafrancesco, et al., 1987:135).

MALLAMA; Nariño 0105/7749 (USBGN)
ca. 2,000 m, in southern Nariño, on western slope, on right side of upper Río Güiza or Río Cualquer [0122/7836 (USBGN)], 18 km SE of Ricaurte [0113/7759 (USBGN)] (MHA); Thiollay, in vicinity, ca. 24 June-16 July 1988 (Thiollay, 1991).

MALLORQUÍN (Dugand, 1940a:61); see Mallorquín, Ciénaga.

MALLORQUÍN, CIÉNAGA; Atlántico 1104/7452 (USBGN)
Sea level, near Bocas de Ceniza [1107/7451 (USBGN)], collector ?, date ? (Dugand, 1940a:61, as "Mallorquín"); large embayment immediately W of mouth of Río Magdalena [1106/7451 (USBGN)] (IGAC [Magdalena]).

MALPELO, ISLA DE; Cauca 0359/8135 (USBGN)
800 ft [250 m], almost vegetationless, rocky, narrow, oceanic island, ca. 1 mi [1.6 km] long, ca. 330 mi [500 km] from both Buenaventura [0353/7704 (USBGN)] and from Península de Azuero [0740/8035 (USBGN)], Panama (Bond & de Schauensee, 1938:155; Atlas, 1977); Townsend, 5 Mar. 1891 (Townsend, 1895:125); Tose, 20 Dec. 1927 (Slevin, 1928, Proc. Calif. Acad. Sci., ser. 4, 16:681-682); Smith, 8-9 Feb. 1937 (Bond & de Schauensee, 1938:155; ANSP); Murphy and Correia, 25-26 Mar. 1941 (Dugand, 1947a:387); Pitman, et al., 6 Dec. 1985, 28 Sept. 1986, 1 Nov. 1987, 27 Sept., 1 Oct. 1988, 9 Oct. 1992 (Pitman, et al., 1995:114-115).

MALVASÁ; Cauca ca. 0229/7618
3,000 m, above Totoró [0230/7624 (USBGN)], near Gabriel López [0229/7618 (USBGN)] (Carriker, 1955:63); 30 km ENE of Popayán [0227/7636 (USBGN)] (von Sneider, 1954:11); in Valle de Paletará [0210/7623 (USBGN)], Carriker, 13, 17-19, 21-27 Jan., 21 May 1957, 23-28, 30-31 Jan., 1, 25 Feb., 5 June 1958 (LACMNH); not on our maps; probably near crest on western slope of Central Andes (Lehmann, 1957:130), and not near Quebrada Malvasá [0234/7604 (USBGN)] which is on eastern slope; von Sneider, Nov. 1944, 22 Feb. 1955 (von Sneider, 1954:11, as "Malvaza"; CM); Carriker, 7 Nov., 5 Dec. 1953 (YPM), 17 Jan. 1957 (Blake, 1959:4), 23, 25, 27, 31 Jan., 14 Aug. 1958 (YPM; UMMZ), Sept. (LSU), 4 Oct. 1959 (WFVZ); Lehmann, date ? (Lehmann, 1957:130).

MALVAZA (von Sneider, 1954:11); see Malvasá.

MAMANCANACA; Magdalena 1043/7339 (USBGN)
10,500 ft [3,200 m]; at headwaters of Río Mamancanaca [1041/7351 (USBGN)] short distance E of snow peaks on southern side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Carriker, just below and in páramo, between 10,500-12,000 ft [3,200-3,650 m], 14, 16-18, 20-23, 25-26 Feb. 1946 (USNM), 21 Feb. 1963 (YPM); Wetmore, 1962, Smiths. Misc. Coll., **145**, no. 1, p. 13, as "Manancanaca."

MAMARONGO; La Guajira 1057/7318 (USBGN)
Alt. ?; not on our maps; coordinates indicate on eastern side of northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] in vicinity of Monte Oscuro [Cuchilla Monteoscuro; 1057/7312 (USBGN)] (MHA); Brown, 25 Mar. 1899 (Todd & Carriker, 1922:118; MCZ).

MAMARONGO, PÁRAMO; La Guajira ca. 1055/7320
Alt. ?; páramo E of Macotama [1055/7330 (USBGN)] on northeastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Carriker, 9-13 Apr. 1912 (Todd & Carriker, 1922:121; CM); not on our maps but presumably near Mamarongo [1057/7318 (USBGN)].

MAMATO (Mapa, 1976); see Mamatoco.

MAMATOCA (Allen, 1900a:125); see Mamatoco.

MAMATOCO; Magdalena 1114/7410 (USBGN)
ca. 25 m, on Río Manzanares [1114/7413 (USBGN)], on highway ca. 8 km E of Santa Marta [1115/7413 (USBGN)] (MHA, as "Mamatoca"; Mapa,

1976, as "Mamato"); rocky hills N and E and flat, irrigated land S and W, forest and swamp along river, scrubby on hills, Smith, 24 Jan., 14, 18 Feb., 12 Mar., 12-14, 18, 20 Oct. 1899, 12 Oct. 1900, 21, 23 Jan., 7, 12, 22 Feb., 10 Mar 1901, Hull, 14 Oct. 1899, Edmondson, 14 Feb., 18 Oct., 2, 20 Nov. 1899, 1, 19 Jan. 1901, Carriker, 15, 28 Aug., 1-2, 7 Sept. 1911, 18-23, 25-26 Apr. 1912, 25 Mar., 14-15 Apr., 5, 11, 14, 20, 22-23 May, 31 July, 1-3, 27 Aug., 5-6, 12, 15, 17 Sept. 1913 (CM; Todd, 1928, Ann. Carnegie Mus., 18:366, as "Mamotoco"); Smith, 11 July 1898 or 1899 (Allen, 1900a:125, as "Mamatoca"); Carriker, 1, 3-8, 10-15, 17, 20, 22-24, 26, 28-29, 31 Dec. 1945, 2-3 Jan. 1946 (USNM, as "Mamotoco"), 4 Mar., 15 Apr., 28, 30-31 May, 1-4, 6, 8-10, 12 June, 5, 8-9, 12-14 July 1960 (WVZ; YPM; LACMNH); Lehmann, date ? (Dugand, 1943b:200);

MÁMBITA; Cundinamarca 0446/7319 (USBGN)
ca. 1,000 m, in steep-sided valley of middle Río Guavio [0444/7303 (USBGN)] on lower eastern slope of Eastern Andes, 85 km NNE of Villavicencio [0409/7337 (USBGN)] and same distance ENE of Bogotá [0436/7405 (USBGN)]; collector ?, date ? (Nicéforo, 1940:314; Olivares, 1969b:178); Nicéforo, date ? (Friedmann, 1947:483).

MAMÓN, CERRO EL; see El Mamón, Cerro.

MAMÓN, EL (Bangs, 1899d:75); see El Mamón, Cerro.

MAMONAL; Bolívar 1019/7531 (USBGN)
Sea level; on eastern side of Bahía de Cartagena [1020/7533 (USBGN)], northernmost Bolívar; does not appear on our maps; Naranjo, et al., Aug. 1992 (Naranjo, 1993:30).

MAMOTOCO (Todd, 1928, Ann. Carnegie Mus., 18:336); see Mamatoco.

MANACACÍAS, RÍO 0423/7204 (USBGN)
Major tributary on right bank of upper middle Río Meta [0612/6728 (USBGN)] originating in west-central Meta and flowing E and then NE (MHA; Mapa, 1976); Gómez, near mouth, Nov. 1948 (Dugand, 1951b:160); collector ?, date ? (Borrero, 1960a:499; Borrero & Hernández, 1961:431); collector ?, 3 Jan. 1968 (LACMNH).

MANAME (Nicéforo & Olivares, 1964:16); see Manaure, La Guajira

MANANCANACA (Wetmore, 1962, Smiths. Misc. Coll., 145, no. 1, p. 13); see Mamancanaca.

MANANTIAL; La Guajira 1107/7239 (USBGN)
ca. 100 m, in interior at base of Península de la Guajira [1200/7130 (USBGN)], 58 km SW of Ríoacha [1133/7255 (USBGN)] and 5 km NNW of Roche [1105/7238 (USBGN)] (MHA; Atlas, 1977); Serna, Nov. 1980 (Serna, 1984:22, 42).

MANATÍ; Atlántico 1027/7458 (USBGN)
10 m, in southern Atlántico, 4 km SE of southern end of Ciénaga de Guájaro [1034/7502 (USBGN)] (MHA); Giacometto and Dugand, 20-21 July 1935 and Dugand, 2 Dec. 1928, Dec. 1937 (Dugand, 1947c:529, 542, 556, 559).

MANAURE; Cesar 1024/7302 (USBGN)
2,700 ft [800 m], coffee finca, Simons, ca. 6 May-June 1878 (Salvin & Godman, 1879:198-206); 25 km ESE of Valledupar [1029/7315 (USBGN)], at western foot of northern Serranía de Perijá [1000/7300 (USBGN)] (IGAC [Cesar]); Pearman, in Cesar between Manaure and Cerro Pintado [1029/7255 (USBGN)], 13 Feb. 1987 (Pearman, 1993:73); not to be confused with Sprunt's (1976) "Manaure" which is Salina de Manaure [1146/7231 (USBGN)], La Guajira.

MANAURE; La Guajira 1147/7227 (USBGN)
Sea level, on coast at western base of Península de la Guajira [1200/7130 (USBGN)], 43 km NE of Ríoacha [1133/7255 (USBGN)] (MHA); collector ?, July 1963 (Niséforo & Olivares, 1964:16, as "Maname"); Serna, Mar., Nov. 1980 and/or 1981 (Serna, 1984:19, 25); not to be confused with the Simons locality of Manaure [1024/7302 (USBGN)], Cesar, at western base of northern Eastern Andes.

MANAURE, SALINA DE; La Guajira 1146/7231 (USBGN)
Sea level, salt works at northern base of Península de la Guajira [1200/7130 (USBGN)], ca. 45 km NE of Ríoacha [1133/7255 (USBGN)], ca. 10 km SW of Manaure [1147/7227 (USBGN)] (Atlas, 1977); Sprunt, 26-29 June 1974 (Sprunt, 1976, as "Manaure"; Hilty & Brown, 1986:526, as "Manaure").

MANDÉ; Antioquia 0627/7628 (USBGN)
ca. 200 m, on lower western slope of northern Western Andes, on right bank of Río Mandé [0630/7630 (USBGN)], ca. 40 km WNW of Urrao [0620/7625 (USBGN)] (IGAC [Antioquia]); collector ?, date ? (Echeverri, 1986:84).

MANGOS, LOS (Hellmayr, 1911:1085); see Juntas, Valle del Cauca.

- MANGUIA; Vichada Not located
Collector ?, 3 July 1963 (WFVZ).
- MANÍ; Boyacá (UMMZ); see Maní; Casanare.
- MANÍ; Casanare 0449/7217 (USBGN)
ca. 200 m, in southwestern Casanare on middle Río Cusiana [0433/7151] (USBGN)] (MHA); Marinkelle, 7 May 1966 (UMMZ, as "Maní, Boyacá").
- MANIZALES; Caldas 0505/7532 (USBGN)
2,153 m, on western slope of Central Andes, 35 km NE of Pereira [0449/7543 (USBGN)] (MHA); Londoño, 3 July 1965, 18 July 1968 (Serna, 1980:32, 35); Wheelwright, et al., 24 mi [38 km] by road from Manizales toward [SE] Líbano [0455/7504 (USBGN)] (also stated as toward Navado del Ruiz [0454/7518 (USBGN)]), at 4,000 m, 6-8 Oct. 1975 (YPM); also see Blanco, Río; Caldas.
- MANTA; Cundinamarca 0501/7333 (USBGN)
ca. 1,500 m, on eastern slope of central Eastern Andes, 8 km W of Guateque [0500/7328 (USBGN)] and 21 km SE of Chocontá [0509/7341 (USBGN)], very near Boyacá border (MHA, where placed a few kilometers S of its true position); collector ?, date ? (Olivares, 1969b:348).
- MANUELITA, LA; see La Manuelita.
- MANZANARES; Meta 0406/7348 (USBGN)
ca. 1,000 m, eastern slope of central Eastern Andes, 20 km WSW of Villavicencio [0409/7337 (USBGN)] (MHA); collector ?, below Manzanares, at ca. 1,300 m and above at ca. 1,600 m, dates ? (Dugand, 1948a: 196, 198).
- MANZANARES, RÍO; Magdalena 1114/7413 (USBGN)
Rises on lower northwestern slopes of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and enters Caribbean at Santa Marta [1115/7413 (USBGN)], with Bonda [1114/7408 (USBGN)] and Masinga [ca. 1116/7405 (MHA)] along its course (MHA); Simons, location ?, 5 Apr. 1879 (Salvin & Godman, 1880:174).
- MANZANILLO, COCHA DE; Cauca Not located
In valley of Río Patía [0213/7840 (USBGN)], Lehmann, 15 Nov. 1956 (Lehmann, 1957:115).
- MAR, LA; see La Mar.

- MARANGUE** Not located
On Río Magdalena [1106/7451 (USBGN)], Fuertes, 1 June 1911 (CU).
- MARCOS, QUEBRADA DE** (Lehmann, 1957:124); see San Marcos, Quebrada.
- MARENGO; Santander** 0654/7336 (USBGN)
ca. 200 m, at western base of northern Eastern Andes, 16 km W of San Vicente de Chuchurí [0654/7325 (USBGN)] and 35 km SE of Barrancabermeja [0703/7352 (USBGN)] (MHA); Vidales, Nov. 1958 (FMNH).
- MARES; Valle del Cauca** ca. 0332/7638 (Mapa, Valle, 1973)
2,000-2,100 m, on eastern slope near crest of Western Andes, on road from Buenaventura [0353/7704 (USBGN)] to Cali [0327/7631 (USBGN)], 12 km NW of Cali and 3 km N of San Antonio [0330/7638 (USBGN)] (Mapa, Valle, 1973); abundant original subtropical vegetation on hills forming crest, but on both slopes being destroyed rapidly [1957], Lehmann, 9 Nov. 1956, 28 May, 6 June, 2 Aug., 21 Dec. 1957, 13 Feb. 1960, and other dates ? (Lehmann, 1957:139, 141; 1960a:260; LACMNH); Arvey, 26 Apr., 20 May 1960 (LACMNH); Schuchmann, ca. July-Aug. 1976, Jan.-Feb. 1977 (Schuchmann, 1987a:20).
- MARI LÓPEZ** (Zimmer, 1944:408); see María López.
- MARÍA, LA; see La María.**
- MARÍA LA BAJA; Bolívar** 0959/7517 (USBGN)
ca. 100 m, on coastal plain at western base of Serranía San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], 5 km SE of Ciénaga de María la Baja [1002/7525 (USBGN)] and 55 km SSE of Cartagena [1025/7532 (USBGN)] (MHA; Atlas, 1977); Beattie, 1961 (Haffer, 1964, addendum to 1961a:398).
- MARÍA LÓPEZ** Not located
In southern portion of Western Colombia (de Schauensee, 1944b:1); probably this is the Río Marilópez [0306/7641 (USBGN)], rising on eastern slope of Western Andes 70 km SW of Cali [0327/7631 (USBGN)], an affluent of Río Timba [0305/7637 (USBGN)], which is a tributary of upper Río Cauca [0854/7428 (USBGN)]; Zimmer, 1944:408, as "Mari López."
- MARICOSA** (Salvin & Godman, 1879:198); see Marocaso.

MARIMONDA; La Guajira ca. 1035/7245 (USNM)
ca. 1,000 m (MHA); shown on USNM map of Carriker's 1940s' collecting localities as being adjacent to Tierra Nueva [ca. 1035/7245 (Atlas, 1977)], at northwestern end of Serranía de Perijá [1000/7300 (USBGN)], ca. 20 km SE of Fonseca [1054/7250 (USBGN)], but apparently all specimens were labeled "Tierra Nueva," which see; de Schauensee, 1952a:1156, as "Tierra Nueva, Las Marimondas."

MARIMONDAS, LAS (de Schauensee, 1952a:1156); see Marimonda.

MARIPOLITO (Lehmann, 1957:133); see Maripolitos, Río.

MARIPOLITOS, RÍO; Cauca 0248/7645 (USBGN)
On eastern slope of Western Andes SW of Suárez [0257/7642 (USBGN)], Iragorri, 15 Nov. 1944 (Lehmann, 1957:133, as "Maripolito"; USBGN indicates "Maripolito" = "Río Maripolitos"); Río Maripolitos rises SW of Suárez, flows SE and enters Río Cauca [0854/7428 (USBGN)] 11 km WNW of Morales [0245/7638 (USBGN)] and 9 km E of Dinde [0242/7644 (USBGN)] (MHA).

MARIQUITA; Tolima 0512/7454 (USBGN)
535 m, on W side of Magdalena Valley at foot of eastern slope of Central Andes, 16 km W of Honda [0512/7445 (USBGN)] (MHA); Carriker, 2-4 Oct. 1918 (CM); collector ?, 23 Oct 1954 (Borrero & Hernández, 1957:358); collector ?, date ? (Borrero, 1972b:401); collector ?, 29 Aug. 1970 (WVZ); Marinkelle, nearby, 11 Nov. 1967 (UMMZ).

MAROCASA (de Schauensee, 1948a:310); see Marocaso.

MAROCASO; La Guajira ca. 1101/7312 (MHA)
630 m, near mouth of Río Marocaso [1059/7307 (USBGN)], an affluent of upper Río Ranchería [1134/7254 (USBGN)] on northeastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); Simons, 26 Jan. 1878 (Salvin & Godman, 1879:198, as "Maricosa"); de Schauensee, 1948a:310, lists "Marocaso" as an alternative spelling.

MARSELLA; see Fredonia.

MARTA; Santander 0707/7326 (USBGN)
ca. 200 m, at western base of northern Eastern Andes, 28 km W of Girón [0704/7311 (USBGN)] on lower Río Sogamoso [0713/7356 (USBGN)] (MHA, as "Puerto Marta"); Romero, 28 Feb. 1970 (Olivares & Romero, 1973:56).

MARTILLO; Atlántico 1038/7450 (USBGN)
ca. 50 m, eastern central Atlántico, 10 km E of Sabanalarga [1038/7455 (USBGN)] and 11 km W of Pondera [1038/7445 (USBGN)] (MHA); semiarid, forested [1947], Dugand, date ? (Dugand, 1947c:542, 568).

MARULANDA; Caldas 0517/7516 (USBGN)
2,825 m, on eastern watershed of Central Andes, 38 km NE of Manizales [0505/7532 (USBGN)] (MHA); Serna and Marín, 14 June 1973 (Serna, 1980:58, p. 77, as "Marulanda (Alto de las Cruces)")

MARZO, CABO (MHA); see Marzo, Punta.

MARZO, PUNTA; Chocó 0650/7742 (USBGN)
On pacific coast of northern Chocó, forming northern coast of Bahía Octavia [0651/7740 (USBGN)] (MHA, as "Cabo Marzo"); Murphy, Mar. 1941 (Murphy, 1944:305).

MASINGA; Magdalena ca. 1116/7405 (MHA)
180 m, village on Río Manzanares [1114/7413 (USBGN)], ca. 16 km E of Santa Marta [1115/7413 (USBGN)] and 4 km E of Bonda [1114/7408 (USBGN)] (de Schauensee, 1948a:310); Smith, 21 Aug. 1898 or 1899 (Allen, 1900a:131); Carriker, 8 June 1960 (YPM).

MASINGA VEIJA (Allen, 1900b:365); see Masinga Vieja.

MASINGA VIEJA; Magdalena ca. 1116/7405
600 ft [175 m], former site of village, ca. 3 mi [5 km] up Río Manzanares [1114/7413 (USBGN)] from present location of Masinga [ca. 1116/7405 (MHA)] (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:413; Todd & Carriker, 1922:118); Smith, 7 Sept., 15, 23, 25 Nov. 1898, 9 Feb., 21 Mar 1899, Jan. 1900 (Allen, 1900a:128ff; 1900b:365, as "Masinga Veija"; CM).

MATABEN, RAUDAL (Phelps, 1945:336); see Matavení, Caño.

MATAJIRA (Todd & Carriker, 1922:118); see Matogiro, Quebrada.

MATAJIRA, RÍO (MHA); see Matogiro, Quebrada.

MATAVEN, CAÑO (Mapa, 1976); see Matavení, Caño.

MATAVENÍ, CAÑO; Vichada 0433/6752 (USBGN)
Affluent to left bank of Río Orinoco [0837/6215 (USBGN)] in southeastern Vichada (MHA); Mapa, 1976, as "Caño Mataven," a tributary of Caño

Mono [? Caño Ucaro, 0425/6747 (USBGN)], itself an affluent of Río Orinoco; Cherrie, 1898 or 1899 (Phelps, 1945, Bol. Soc. Venezolana Cienc. Nat., 9:336, as "Raudal Mataben").

MATEYUCA, LAGO; Meta ca. 0400/7305
Alt. ?; small lake ca. 20 km SW of Puerto López [0405/7258 (USBGN)], northern central Meta, Coesel, et al., Mar. 1985 (Coesel, et al., 1988:199); not shown on our maps.

MATISGUA (Wyatt, 1871:321); see Mutiscua.

MATOGIRO, QUEBRADA; Magdalena 1114/7407 (USBGN)
Affluent of Río Manzanares [1114/7413 (USBGN)], which it joins at Bonda [1114/7408 (USBGN)], rising W of Jordán [1117/7359 (USBGN)] in northern foothills of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], E of Santa Marta [1115/7413 (USBGN)] (MHA, as "Río Matajira"); Smith, Hull, and Edmondson, at Bonda, which see, 1898, 1899, 1900 (Allen, 1900a:124ff); Todd & Carriker, 1922:118, as "Matajira"; de Schauensee, 1948a:310, as "Matojiro, Valle de."

MATOJIRO, VALLE DE (de Schauensee, 1948a:310); see Matogiro, Quebrada.

MAYA, FINCA; see Finca Maya.

MAYAJÓ (Romero & Morales, 1981:296); see Mayapo.

MAYAPO; La Guajira 1139/7247 (USBGN)
Sea level, on Caribbean coast, 19 km NE of Ríohacha [1133/7255 (USBGN)], collector ? [Vidales and Sanchez ? (Marinkelle, 1970:22)], 4, 12 July 1963 (Niséforo & Olivares, 1964:14); Marinkelle, 1 Feb. 1964 (WFFVZ); Romero and Morales, 1981:296, as "Mayajó".

MAYASQUER; Nariño 0053/7804 (USBGN)
2,145 m (de Schauensee, 1948a:310); on western slope near Ecuador border, ca. 20 km NW of Volcán de Chiles [0048/7757 (USBGN)] (Atlas, 1977); von Sneider, Pacific side, 3, 17-20, 25-28 Feb., 1-12 Mar., 5 Apr., 12 July 1941 (Blake, 1959:3; UMMZ); von Sneider's specimens came from 1,300 to 2,700 m and those labeled "above Mayasquer" came from 3,000 to 3,500 m (de Schauensee, 1948a:310); also see Peasbí, Río.

MECAYA; Putumayo 0028/7520 (Hershkovitz, 1977:926)
185 m (Hershkovitz, 1977:926); the Río Mecaya [0029/7511 (USBGN)] is an affluent to right bank of upper Río Caquetá [0308S/6446 (USBGN)]

(MHA; Atlas, 1977); Blake (1955:10, 11) refers to a specimen collected by Hershkovitz at "Mecaya" but Hershkovitz later (1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 926) cites the locality as "Río Mecaya," where he worked Feb.-May 1952; because there is a discrepancy between the coordinates given by USBGN and those given by Hershkovitz, it is assumed Hershkovitz worked a few kilometers upstream from the mouth of the river at an unnamed site he called "Mecaya."

MECHENGUE, RÍO; Cauca

0240/7712 (USBGN)

Rises on northern slope of Cerro Munchique [0232/7657 (USBGN)], in Parque Nacional Natural Munchique [0244/7701 (WCMC)], in southern Western Andes and flows W to join Río San Juan de Micay [0305/7732 (USBGN)] on Pacific slope (MHA, as "Río Menchegue"); von Sneider, at 2,000 m, 15 Oct. 1936 (Gyldenstolpe, 1941:11, as "Río Michengue"); von Sneider, July 1939 (FMNH), 30 Aug., 2 Sept., 20 Oct. 1956, May, Aug. 1957, 30 Aug. 1958 (?) (YPM), date ?, at 2,000-3,000 ft [600-900 m] (Bond & de Schauensee, 1940:159-160, as "Río Michengue"); von Sneider, at ca. 250 m, at confluence with Río San Juan de Micay, dense rainforest, Oct. 1970 (FMNH); Negret, on lower part of river, June 1988 (Negret, 1991:42).

MEDELLÍN; Antioquia

0615/7535 (USBGN)

1,538 m, capital of department, deep in interior of northern Central Andes, near head of Río Porcè [0728/7453 (USBGN); often called Río Medellín], which drains eastern slope (MHA); semiarid, tropical zone (Chapman, 1917:649); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); Gerrard, date ? (YPM); Ordóñez, date ? (Iafrancesco, et al., 1988:107); collector ?, Sept. 1912, Apr., Dec. 1913, 1914 (Nicéforo, 1923:333-336; Anon., 1914:front cover; Iafrancesco, et al., 1986:76); Nicéforo, 1918 (Serna, 1980:7); Carriker, date ? (USNM); Escobar, date ? (FMNH); Borrero, 1950, June-Nov. 1963 (Borrero, 1953a:1; 1965:248); Willis, on outskirts, 21 Feb. 1962 (Willis, 1988:137); collector ?, date ? (Borrero, 1972b:399); Olarte, 29 Oct. 1986 (SAO); collector ?, 5 Mar., 3 Aug. 1965, 7, 10 Oct. 1966, 18 June 1967, 5 May 1968, 8 Sept. 1969, 8 July 1970, Serna and Isaza, 7 June 1966, Serna, et al., 8 Apr. 1975, Serna and García, 1 Oct. 1973, Serna and Restrepo, 3-4, 30 Oct. 1974, Serna and Montoya, 5 Oct. 1975, Serna, 1 May, 1963, 18 Apr., 5 May 1967, 3 June 1968, 20 Apr., 13 Sept. 1972, 1 Apr., 14 May, 4 July, 11 Oct., 15 Nov. 1973, 10 Mar., 8, 16-17, 20 Apr. 1974, 11 Nov. 1975, 3 Apr., 15, 19 May, 8 July, 11 Nov. 1976, 5 May, 5 June 1977, Serna and Builes, 25 Sept. 1975, Serna and Villegas, 10 Oct. 1970, Serna and Diez, 20 May 1976, Serna and Guerra, Aug. 1976, Serna and Muños, 19 Apr. 1977, Serna and Llano, 28 Mar., 28

Apr. 1978, Nicéforo, 10 Dec. 1918, 1919, Nicéforo, at El Carmelo [not located], Dec. 1917, Serna and Isaza, at Bostón [not located], 16 June 1971, Serna, at Colonia San José [not located], date ? (Serna, 1980:9, 12, 13, 24, 25, 26, 27, 28, 53, 64-67, 73, 75-77, 81-83, 85, 94, 96-97, 99, 102-103, 105-106); Borja, Sept. 1977-July 1980 (Borja, 1990:5); Nicéforo, "at heights", 9 Dec. 1920 (Iafrancesco, et al., 1988:106); Serna, 16 Sept. 1989, 12 Apr., 2 June 1990, Olarte, 14 May 1990 (Serna, 1990b:37); Piedrahíta, et al., 12 Oct. 1991 (Anonymous, 1991b:31); Serna, at barrio Belén [not located], 28 Feb. year ? (Serna, 1992b); Giraldo and Ramírez, at Universidad de Antioquia, 14 Feb.-7 May 1991 (Giraldo & Ramírez, 1992); Peña, 22 Mar 1992 (Peña, 1992); Krikorian, Uribe, and Peña, at Jardín Botánico Joaquín Antonio Uribe, 3 Oct. 1992 (Cuadros, 1992:9-10) and Peña, Krikorian, and Marín, same locality, 9 Oct. 1993 (Cuadros, 1993b:31) and Peña and Krikorian, same locality, 8 Oct. 1994 (Marín, 1994:54-55) and Marín, Peña, and Krikorian, same locality, 8 or 9 Oct. 1995 (Marín, 1996); Velásquez, 1985, 1994 (Velásquez, 1994); Weber, 23 Oct. 1993 (in litt.); Weber, et al., at Jardín Botánico, 23 Oct. 1994 (Weber, 1994); also see Hacienda Belén.

MEDELLÍN, RÍO; see Porce, Río.

MEDIACANOA, LAGUNA DE (de Schauensee, 1948a:310); see Chircal, Laguna.

MEDIA LUNA; La Guajira (Serna, 1992a:19); see Media Luna, Bahía.

MEDIA LUNA; Valle del Cauca ? Not located
Raap [1904 ?] (Hellmayr, 1911:1189); source of *Picumnus granadensis*, a tropical and subtropical form of middle Cauca Valley S to Patía Valley, and on western side of Western Andes in Dagua Valley; could be the Media Luna at 0419/7611 (USBGN) in Cauca Valley; also see San Isidro, Valle del Cauca ?

MEDIA LUNA, BAHÍA; La Guajira 1215/7158 (USBGN)
ca. sea level, on SW side of mouth of Bahía de Portete [1213/7155 (USBGN)], 125 km NE of Ríohacha [1133/7255 (USBGN)] (Atlas, 1977, as "Media Luna"); Serna, 25 Nov. 1980 (Serna, 1984:20, as "Media Luna"; 1992a:19, as "Media Luna").

MEDIALUNA, QUEBRADA; Antioquia 0711/7515 (USBGN)
Small affluent on right bank of lower middle Río Cauca [0854/7428 (USBGN)], rising in vicinity of Yarumal [0658/7524 (USBGN)] on eastern

side at northern end of Central Andes (MHA); de Schauensee (1948a: 310, as "Río Medialuna") lists but cites no collector or date.

MEDIALUNA, RÍO (de Schauensee, 1948a:310); see Medialuna, Quebrada.

MEDINA; Cundinamarca 0430/7321 (USBGN)
576 m, at eastern base of central Eastern Andes, in llanos 54 km NE of Villavicencio [0409/7327 (USBGN)] (MHA); Bardy, Dec. 1912 (Cory & Hellmayr, 1924, Field Mus. Nat. Hist. Publ., Zool. Ser., 13, pt. 3, p. 328), but possibly erroneous record (*vide* Nicéforo, 1947: 346); collector ?, Feb. 1928 (Iafrancesco, et al., 1988:139); Wheeler, date ? (de Schauensee, 1948a:310); Guevara, date ? (Dugand, 1941a:58); collector ?, 28 Mar. 1971 (Olivares, 1974a:106).

MEGUA; Atlántico 1051/7454 (USBGN)
ca. 100 m, northeastern Atlántico, 20 km SW of Barranquilla [1059/7448 (USBGN)] and 7 km NE of Baranoa [1048/7455 (USBGN)] (MHA); collector ?, date ? (Dugand, 1947c:542).

MELGAR; Tolima 0412/7439 (USBGN)
430 m, in upper Magdalena Valley on border of Tolima/Cundinamarca at western base of Eastern Andes 20 km SE of Girardot [0418/7448 (USBGN)] and Río Magdalena [1106/7451 (USBGN)] (MHA); Nicéforo, 1926 (Friedmann, 1947:472); collector ?, 1932 (Iafrancesco, et al., 1989:146); Borrero, 2 May 1953 (ANSP); collector ?, date ? (Borrero, 1970b:702; MCZ); Nicéforo, 23 Apr. 1960 (Nicéforo & Olivares, 1966:384); collector ? [Nicéforo ?], 22 Oct. 1960 (Borrero & Hernández, 1961:439); Nicéforo, 9 Dec. 1965, 10 Sept., 22 Oct. 1966, 11, 18 Feb., 14 Aug. 1967 (Serna, 1980:74; Iafrancesco, et al., 1985:52; 1987:77); collector ? [Marinkelle ?], 20 May, Sept. 1964, Oct. 1965, 1, 20 Mar. 1968, Marinkelle, 18 Mar. 1964, 8 Nov. 1965, 1 May 1966, 24, 27, 29 July, 11 Aug., 8 Nov. 1967, 3 Jan. 1968, 31 Mar. 1969 (WFVZ; UMMZ; LACMNH); collector ?, 28 Aug. 1966, Isaza, 20 Sept. 1969, Rico, 24 Aug. 1974 (Iafrancesco, et al., 1987:77, 109); Marinkelle, at Km 8, between Carmen de Apicalá [0409/7444 (USBGN)] and Melgar, 24 Jan. 1960 (LACMNH); Stiles, ca. 1989-1992 (Stiles, 1995:121).

MENCHENGUE, RÍO (MHA); see Mechengue, Río.

MENCIPÁ, RÍO; Cundinamarca 0526/7410 (USBGN)
An affluent of Río Minero [0615/7408 (USBGN)] on western slope of central Eastern Andes in northern Cundinamarca (MHA); collector ?, at 1,700 m near Villa Gómez [0517/7412 (USBGN)], ca. 1942 (Lehmann,

1943c:190); de Schauensee (1948a:311) cites "Río Menzipá" as an alternative spelling.

MENDEHUACA (Todd & Carriker, 1922:119); see Mendiguaca.

MENDIGUACA; Magdalena ca. 1117/7352 (MHA)
Sea level, on Caribbean coast, 40 km E of Santa Marta [1115/7413 (USBGN)], at mouth of Río Mendiguaca [1117/7352 (USBGN)] (MHA); Smith, as "Mendehuaca," 1 May 1899 (Todd & Carriker, 1922:119); not listed by USBGN although shown on MHA.

MENEGUA; Meta 0406/7254 (USBGN)
ca. 200 m, on llanos of central northern Meta, 10 km E of Puerto López [0405/7258 (USBGN)] and 13 km inland from right bank of Río Meta [0612/6728 (USBGN)] (Atlas, 1977; MHA [seems to be too far W]); Lehmann, in lakes nearby, 2 Mar. 1943 (Lehmann, 1957:152); Acevedo, 27 Sept. 1965 (WFFVZ, as "Bajos de Menegua").

MENHIRES, VALLE DE LOS; see Los Menhires, Valle de.

MENZIPÁ, RÍO (de Schauensee, 1948a:311); see Mencipá, Río.

MERCADERES; Cauca 0147/7710 (USBGN)
1,169 m, on western slope of southern Central Andes above valley of middle Río Patía [0213/7840 (USBGN)] in southern Cauca, 22 km N of La Unión [0136/7709 (USBGN)] and 41 km SW of El Bordo [0206/7658 (USBGN)] (MHA); Lehmann, date ? (Lehmann, 1960a:267); grassy plain and thickets, Haffer, Nov. 1965 (Haffer, 1986:541).

MERCEDES, HACIENDA LAS; see Hacienda Las Mercedes.

MERENBERG, FINCA; see Finca Merenberg.

MESA, LA; see La Mesa.

MESA DE LOS SANTOS, LA (Hernández & Romero, 1978:356); see Jéridas, Mesa de.

MESA DE SANTOS (Olivares & Romero, 1973:56); see Jéridas, Mesa de.

MESAY, RÍO; Caquetá 0001S/7227 (USBGN)
Rises deep in interior of Caquetá at Laguna Tunaima [0046/7314 (USBGN)] and flows SE to Río Yari [0023S/7216 (USBGN)] (MHA); Silva

and Walschburger, at southern end of Sierra de Chiribiquete [0122/7241 (USBGN)], at 0004/7226, at ca. 230-360 m, May-Aug. 1993 (Stiles, 1996:5)

MESETA, LA; see La Meseta.

MESETA DE LOS CABALLEROS; see Los Caballeros, Meseta de.

MESITAS (WFBVZ); see El Colegio.

MESITAS, LAS (Olivares, 1969b:348); see El Colegio.

MESITAS DEL COLEGIO (WFBVZ); see El Colegio.

META, DEPARTAMENTO DEL 0330/7300 (USBGN)

In east-central Colombia, extending from central Eastern Andes well out into eastern llanos, including isolated Serranía de la Macarena [0245/7355 (USBGN)]; major rivers are Río Meta [0612/6728 (USBGN)] forming part of northern boundary and Río Guaviare [0403/6744 (USBGN)] forming most of southern boundary; bounded on N by Cundinamarca, a very small portion of Boyacá, and Casanare, on E by Vichada, on S by Guaviare, on SW by Caquetá, and on W by Huila; Villavicencio [0409/7337 (USBGN)] near base of Andes, principal city; Brown, western Meta, 16 Mar. year ?, Brown, NW Meta, 29 Mar. year ?, Brown, NE Meta, 10 Dec. year ?, Hilty and McKay, date ?, Furniss, extreme NE Meta, 1976, Furniss, NE Meta, 26 Feb., 26 Apr., May year ?, Aug. year ?, Nov., 12-15 June year ?, Hilty & Alden, W Meta, 29 Jan. year ?, McKay, W Meta, Jan. year ?, collector ?, NE Meta, Jan. year ?, western Meta, 29 Feb. year ? (Hilty & Brown, 1986:95, 107, 127, 214, 242, 338, 363, 505, 512, 519, 526, 553, 581, 662).

META, LLANOS DEL; Meta

Portion of eastern llanos within Meta, formerly included in "Llanos de San Martín," which see (de Schauensee, 1948a:311).

META, RÍO 0612/6728 (USBGN)

Major tributary of Río Orinoco [0837/6215 (USBGN)], rising at base of middle Eastern Andes east of Villavicencio [0409/7337 (USBGN)] and flowing NE to join the Orinoco at Puerto Carreño [0612/6722 (USBGN)] on Colombia/Venezuela border (MHA); Wheeler, date ? (Chapman, 1917:653); Detwiler [= Detwiler], at headwaters, date ? (Stone, 1899:302); collector ?, 9 Apr. 1968 (LACMNH).

MIACAO (FMNH); see Maicao.

MICAY, RÍO SAN JUAN DE; see San Juan de Micay, Río.

MICHENGUE, RÍO (Gyldenstolpe, 1941:11); see Mechengue, Río.

MICO, EL (Philipson, et al., 1951:189); see Los Micos.

MICOS, LOS; see Los Micos.

MIEL, RÍO LA; see La Miel, Río.

MIKE'S ISLAND (LSU); see Santa Sofía, Isla de.

MINA DE AZUFRE; Cauca ca. 0221/7623
Alt. ?; at base of Volcán Puracé [0221/7623 (USBGN)], SE of Popayán
[0227/7636 (USBGN)], Carriker, 1954 (Carriker, 1955:61), 21 July 1956
(CM).

MINA, QUEBRADA LA; see La Mina, Quebrada.

MINCA; Magdalena 1109/7407 (USBGN)
2,200 ft [675 m], former sugar finca, humid tropical zone, second-growth
and heavy forest [early 1900s] (Todd & Carriker, 1922:119); town ca. 20
km SE of Santa Marta [1115/7413 (USBGN)] at end of allweather road
(IGAC [Mag.]); collector ?, pre-1860 (Sclater, 1860:88); Simons, Jan.-Mar.
1879 (Salvin & Godman, 1880:115ff, as "Mineá"); Hull, 4 Aug. 1879
(Chapman, 1912:153); Smith, 24 Nov. 1898, Jan., 10 May, 22 June, 5, 25,
20 July, 3-4, 9 Aug. 1899 (Allen, 1900a:124ff; CM); Hull, 21, 28 June, 5
July, 2-4 Aug. 1899 (CM); Carriker, 17-19, 25 Aug. 1911, 1, 16-21, 23-29
June 1913 (Todd & Carriker, 1922:119; Carriker, 1959b:217; ANSP;
CM); Lehmann, a little below, May (Lehmann, 1957:117) and at 600 m, 30
Apr. 1941 (Lehmann & Haffer, 1960:250); Carriker, 7, 9 July 1960
(WVZ; YPM); Serna, 29 Sept. 1974, 26 Sept. 1976, 4-5 Sept., 2, 23 Oct
1977, 23 May 1979, Isaza, 10 Oct. 1972 (Serna, 1980:30, 39, 47, 63, 74,
83, 102, p. 70, as "Minga").

MINEA (Salvin & Godman, 1880:115); see Minca.

MINGA (Serna, 1980:70); see Minca.

MIRADOR (MVZ); see El Mirador.

MIRADOR, EL; see El Mirador.

MIRAFLORES; Antioquia 0645/7520 (Cuadros, 1988:9)
2,130 m, forested site of ca. 500 ha in valley below Represa Miraflores, on western side of Central Andes in northern Antioquia, Cuadros, Oct. 1984-Dec. 1985 (Cuadros, 1988:9); reservoir is shown in Atlas, 1977.

MIRAFLORES; Boyacá 0512/7312 (USBGN)
1,432 m, on eastern slope of central Eastern Andes in upper valley of Río Lengupá [0449/7304 (USBGN)], an affluent of Río Upía [0418/7245 (USBGN)] (MHA); Bernal, at Suna [ca. 0515/7310], ca. 1,400 m, in municipality of Miraflores [0515/7310 (USBGN)] and 5 km NE of town of Miraflores, 16 Apr., Dec. 1960, Jan., Dec. 1961, Jan. 1962, subtropical, highly cultivated (Olivares, 1963a:91ff; LACMNH); all material from Suna seems to have been labeled "Miraflores"; Benjamín, 12 Oct. 1964 (Iafrancesco, et al., 1986:48); collector ?, 24, 30 Dec. 1964, 8 Jan. 1965 (Olivares, 1974a:70ff); collector ?, 30 Dec. 1969 (WFVZ).

MIRAFLORES; Valle del Cauca ca. 0335/7610
6,800 ft [2,050 m] (Chapman, 1917:649), ca. 6,100 ft [1,850 m] (Chapman, op. cit., 22); bungalow on western slope of Central Andes, "slightly north of east from Palmira [0332/7616 (USBGN)]," at border of subtropical cloud forest and treeless, semiarid tropical zone, Chapman, Fuertes, et al., 17-30 Apr. 1911 (Chapman, 1917:649; CU); Chapman's maps (1917:pls. I, XLI) show Miraflores E of, and close to, La Manuelita [0335/7617 (USBGN)]; specimens recorded "east of Palmira" (e.g. Chapman, 1924b:14) were from Miraflores (de Schauensee, 1952a:1130); collector ?, date ? (Cantillo, 1983:72); also see Palmira, Valle del Cauca..

MIRAFLORES; Vaupés Not located
275 m, on middle Río Vaupés [0002/6716 (USBGN)], above Caño Cubiyú [Caño Cubigú, 0102/7012 (USBGN)] and below El Dorado [0111/7152 (USBGN)], collector ?, date ? (Hilty & Brown, 1986:viii-ix)

MIRAMAR; Atlántico 1100/7457 (USBGN)
Sea level, adjacent to Puerto Colombia [1059/7458 (USBGN)] on Caribbean coast W of Barranquilla [1059/7448 (USBGN)], Dugand, Jan. 1940 (Dugand, 1940d:37) and 18 Dec. 1944 (Dugand, 1947c:553); not on our maps.

MIRAMAR; Valle del Cauca ca. 0339/7651 (Mapa, Valle, 1973)
ca. 300 m, on western slope of Western Andes on Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road, at Km 93, just E of Ladrilleros [*olim* Anchicayá, 0339/7656 (USBGN)] at Km 89 (Mapa,

Valle, 1973; Lehmann, 1957:126); collector ?, 14 Sept. 1956 (Lehmann, 1957:126).

MIRITIPARANÁ, RÍO; Amazonas 0111S/7002 (USBGN)

Rises in northern Amazonas and flows SW, a headwater of Río Japurá [0308/6446 (USBGN)] near the Amazonas-Brazil boundary, 330 km N of Leticia [0409S/6957 (USBGN)] (Atlas, 1977); terra firme forest, Andrade and Rubio-Torgler, bimonthly, July 1985-Apr. 1986 (Andrade & Rubio-Torgler, 1994:546).

MITÚ; Vaupés 0108/7003 (USBGN)

240 m (Olivares, 1955a:259), 150 m (de Schauensee, 1948a:312); on right bank of Río Vaupés [0002/6716 (USBGN)], at mouth of Río Cuquiarí [0109/7004 (USBGN)], 25 km from Brazilian border, thick, impenetrable vegetation along rivers, tall trees with clear understory elsewhere, Olivares, ca. 1-15 Dec. 1953 (some time spent at Santa Cruz de Waracapurí [ca. 0103/6955], which see) (Olivares, 1955a:260ff; MHA, as "Raudal Mitú"); von Sneider, 26 Aug., 25 Sept. 1939 (ANSP); Lehmann, Sept.-Oct. 1939 (Lehmann, 1957:132, 154); Fernández, in vicinity, date ? (Borrero, 1955:11); collector ?, 4 May 1960 (Olivares, 1973:124); Olivares and Bernal, 11 Aug. 1960 (ANSP); Gil, last months of 1960 (Olivares & Hernández, 1962:62) and at Caño Guduyarí [ca. 0108/7003] on left bank of Río Vaupés 1 km below Mitú, 7 June 1960 (Olivares & Hernández, 1961:425); Olivares, 11-22 Aug. 1960 (Olivares & Hernández, 1961:425; 1962:61ff); Borrero and Bernal, 23 Apr.-early June 1961 (Olivares, 1964a:163ff); Gil, sometime between May-Dec. 1961 (Olivares, 1964a:163); Willis, in area, 28 Apr.-12 May 1965 (Willis, 1988:139); Hirschel, 8 Apr. 1966 (Romero, 1977b:1); Willis, 29 Apr.-9 May 1966 (Willis, 1969, Wilson Bull., 81:366); Marinkelle, 4, 7-10, 20, 26, 28-30 Aug., 19 Sept., 4, 15, 29-30 Nov., 1-3 Dec. 1967, collector ?, 5 June 1964, 13 Aug. 1966, 22, 28 Mar., 10, 26 May 1970 (WVZ; UMMZ; LACMNH); Rylander, 20 Nov. 1970 (Rylander, 1972:344); Hilty, 17, 20 Feb. 1978, Hilty, ca. 15 km NE of Mitú, 14 Feb. 1978, Hilty, E of Mitú, 18 Feb. 1978, Hilty, S of Mitú, 21 Feb. 1978, Hilty, 11, 19, 20 Feb. year or years ?, Remsen, 5-27 Sept. year ? (Hilty & Brown, 1986:117, 217, 249, 279, 320, 348, 395, 405, 657); see, also, Las Guacamayas, Cerro de [ca. 0108/7005]; Cubigú, Sabanas del [ca. 0100/7000 ?]; Cubigú, Caño [0102/7012 (USBGN)]; Negro, Caño [ca. 0105/7012]; and Cuquiarí, Río [0109/7004 (USBGN)].

MITÚ, CERRO (Lehmann, 1957:152); see Las Guacamayas, Cerro de.

MITÚ, CERRO DE (Olivares & Hernández, 1962:64); see Las Guacamayas, Cerro de.

MITÚ, RAUDAL (MHA); see Mitú.

MOCAGUA (Nicéforo, 1947:338); see Loreto, Isla.

MOCAGUA, ISLA (Dugand & Borrero, 1946:132); see Loreto, Isla.

MOCAGUA, ISLA DE (Olivares & Hernández, 1962:76); see Loreto, Isla.

MOCHUELITO; Casanare ca. 0609/7004
ca. 50 m (IGAC [Arauca]); in northeastern Casanare on right bank of Río Casanare [0602/6951 (USBGN)], opposite Mochuelo [? El Mochuelo, 0611/7003 (USBGN)], Instituto Colombiano de Antropología party, 5, 8 July 1977 (Romero, 1978:2); IGAC [Arauca] shows El Mochuelo on left bank, in Arauca, and Mochuelo a few kilometers downstream on right bank, in Casanare; USBGN indicates Mochuelo = El Mochuelo; presumably Romero's Mochuelito = Mochuelo of IGAC [Arauca] and his Mochuelo = El Mochuelo, also of IGAC [Arauca], as well as of USBGN.

MOCHUELO; see Mochuelito.

MOCHUELO, EL; see Mochuelito.

MOCOA; Putumayo 0109/7637 (USBGN)
579 m, at eastern base of southern Andes on Río Mocoa [0103/7630 (USBGN)], an affluent of upper Río Caquetá [0308S/6446 (USBGN)], 72 km ESE of Pasto [0113/7717 (USBGN)] (MHA); Pazos, 2, 6, 14, 27 Aug., 10 Nov. 1966, 30 Mar., 3, 7 Apr., 3, 6-7, 11, 16-18 May, 1, 3, 23, 27-29 June, 2, 9, 13, 19 July, 25, 27-29 Nov., 6-7 Dec. 1967, 18 Aug. 1968 (MCZ; MVZ; ANSP), in vicinity, 15 May (Dick, 1991), 5-6 June 1965 (MVZ), 5 km E at 589 m, 4 Sept. 1966 (MVZ); Millán, on upper Río Putumayo [0307S/6758 (USBGN)], south of Mocoa, date ? (Dugand, 1948a:193); Fitzgerald, between Mocoa and Puerto Asís [0030/7631 (USBGN)], Oct. 1959 (Lehmann, 1960a:263); Ridgely, 1976, Hilty, at Km 120, above Mocoa at 2,100-2,100 m, 1978, 1981 (Hilty & Brown, 1986:236, 651).

MOGOTES; Santander 0630/7258 (USBGN)
1,746 m, on left bank of Río Monos [MHA as Río "Monar," 0629/7307 (USBGN)], a tributary of Río Fonce [0631/7317 (USBGN)], 20 km SE of San Gil [0633/7308 (USBGN)], on western slope of northern Eastern

Andes (MHA); Nicéforo, 27 Nov. 1945 and "3 leagues from" Mogotes, June 1939 (Nicéforo, 1945:391; 1947:361).

MOGUE, PUERTO; see Puerto Mogue.

MOJARRAS; Cauca 0153/7713 (USBGN)
1,200 ft [360 m] (ANSP); on upper Río Patía [0213/7840 (USBGN)], near border of Nariño, ca. 10 km NW of Mercaderes [0147/7710 (USBGN)] (IGAC [Cauca]); arid (de Schauensee, 1948a:312); von Sneidern, 10 Jan., 7, 23-30 June, 1, 3-5, 7 July 1945 (ANSP); Haffer, Nov. 1965 (Haffer, 1986:541); Lehmann, Dec. 1965 (Negret, 1997a:48); also see Patía.

MOLAGAVITA; Santander 0641/7250 (USBGN)
2,151 m, in Eastern Andes, 9 km W of Málaga [0642/7244 (USBGN)] and 60 km SE of Bucaramanga [0708/7309 (USBGN)] (MHA); western slope in eastern part of state, observer ?, date ? (Hilty & Brown 1986:211).

MOLINERO; Atlántico 1040/7503 (USBGN)
50 m, in central Atlántico, 6 km N of Ciénaga de Guájaro [1034/7502 (USBGN)] and 14 km WNW of Sabanalarga [1038/7455 (USBGN)] (MHA); semiarid forest and savanna, Giacometto and Dugand, 9 Nov. 1936 (Dugand, 1947c:529, 542).

MOLINO, RÍO; Cauca 0227/7636 (USBGN)
Affluent of Río Cauca [0854/7428 (USBGN)] with mouth near Popayán [0227/7636 (USBGN)]; Iragorri, at mouth, 1938 and 11 Oct. 1941 (Lehmann, 1957:128); not on our maps.

MOMIL; Cesar (Serba, 1980:5); see Momil, Córdoba.

MOMIL; Córdoba 0914/7541 (USBGN)
18 m, on coastal plain, 18 km E of Lorica [0914/7549 (USBGN)] (MHA; Atlas, 1977); Cadavid and Serna, 31 Jan., 7 July 1970, 31 Jan. 1973, 10 May, 20 Oct. 1974, Cadavid and Ruiz, 7 Jan., Serna and Ruiz, 7 Feb., 4 May 1973 (Serna, 1980:5, 8, 15, 81, as "Momil, Cesar"); possibly this site is misidentified and there is a Momil in Cesar which is not found in any of our sources.

MOMPÓS; Bolívar 0914/7426 (USBGN)
33 m, on left bank of Brazo Seco de Mompós [Brazo de Mopós, 0295/7444 (USBGN)] of lower Río Magdalena [1106/7451 (USBGN)] and 35 km E of Magangué [0914/7445 (USBGN)], eastern central Bolívar (MHA); collector ?, 8, 18 July 1964 (Serna, 1980:103).

MOMPÓS, LAGO DE; Bolívar Not located
Presumably in vicinity of Mompós [0914/7426 (USBGN)], and perhaps another name for Brazo de Mompós [0925/7444 (USBGN)], eastern central Bolívar; collector ?, 17 Aug. 1966 (Serna, 1980:41).

MONDOMO; Cauca 0253/7633 (USBGN)
ca. 1,500 m, at southern end of Cauca Valley, 16 km SSW of Santander [0301/7628 (USBGN)] on road to Popáyan [0227/7636 (USBGN)] (MHA); von Sneidern, 1 Oct. 1951 (von Sneidern, 1955:38); Lehmann, nearby at Río Ovejas [0232/7607 (USBGN)], 9 Feb. 1960, 29 May 1962 and also S of Pescador [0247/7633 (USBGN)], first week of Oct. 1960 (Eisenmann & Lehmann, 1962:5, 10-11).

MONGUIDO (Chapman, 1917:287); see Munguidó, Río.

MOÑITAS (MHA); see Moñitos.

MOÑITOS; Córdoba 0915/7608 (USBGN)
Sea level, on Atlantic coast, 33 km W of Lorica [0914/7549 (USBGN)] (MHA, as "Moñitas"); Isaza, 20 Jan. 1970, 17 Mar., 5 Oct. 1974, 16-17, 19-20 Jan., 7 Oct. 1975, 31 [sic] Apr., 14 May 1978, Serna, 28 Aug., 4 Nov. 1977, Serna and Isaza, 18 Jan. 1975, 28 Aug., 10 Nov. 1977, 20 Oct. 1978, and 4 km from [direction ?] Moñitos, 27 Aug. 1977 (Serna & Rodríguez, 1979:2, 8; Serna, 1980:9, 17-18, 26, 38, 40-41, 43-44, 66, 68, 74, 85, 101).

MONKEY ISLAND (Barrow, et al., 1986:156); see Santa Sofía, Isla de.

MONOS; Valle del Cauca Not located
300-400 m, on western slope of Western Andes in valley of Río Anchicayá [0346/7710 (USBGN)], Lehmann, date ? (Lehmann, 1946:221).

MONOS, LLANO DE LOS (de Schauensee, 1948a:321); see El Recreo.

MONOS, LOS; see Los Monos.

MONOS, PLANADA DE (Lehmann, 1957:147); see El Recreo.

MONOS, PLANO DE LOS (Simon & Dalmas, 1901:216); see El Recreo.

MONSERRATE; Cundinamarca ca. 0436/7404
ca. 3,200 m, shrine and park on cliff E of and overlooking Bogotá [0436/7405 (USBGN)] (IGAC [Bogotá], as "Señor de Monserrate");

collector ?, 2 Sept. 1916 (Apolinar, 1916:144); collector ?, date ? (Romero, 1977a:5); Olivares, 1969b:398, as "Cerro de Monserrate."

MONSERRATE, CERRO DE (Olivares, 1969b:398); see Monserrate.

MONTAÑA DE ESMERALDA; see Esmeralda, Montaña de.

MONTAÑITA; Caldas; see Salamina.

MONTAÑITA; Caquetá 0130/7528 (USBGN)
ca. 200 m, in lowlands E of Eastern Andes, 18 km SE of Florencia [0136/7536 (USBGN)] (MHA; Mapa, 1976); Hershkovitz, at 400 m, Dec. 1951-Jan. 1952 (FMNH); Carriker, 20, 23 June 1952 (USNM), 8, 20 Oct., 14-15, 17-22, 24, 26-27, 29 Nov., 1-6, 8-11 Dec. 1958 (LACMNH); Perdomo, 20 Dec. 1968 (Serna, 1980:38); Nicéforo & Olivares, 1965:46, as "Montañitas."

MONTAÑITAS (Nicéforo & Olivares, 1965:46); see Montañita.

MONTE BELLO (Borrero & Hernández, 1957b:199); see Hacienda Montebello.

MONTEBELLO, HACIENDA; see Hacienda Montebello.

MONTE ELÍAS; La Guajira ca. 1051/7243 (USNM)
ca. 1,000 m (MHA); on western slope of Sierra Negra [1037/7254 (USBGN)] portion of Serranía de Perijá [1000/7300 (USBGN)], ca. 18 km E of Fonseca [1054/7251 (USBGN)], Carriker, 4,000-6,000 ft [1,200-1,825 m], 29 July-13 Aug. 1941 (USNM).

MONTELEÓN; Caldas Not located
Alt.?, in municipio of Manizales [0505/7530 (USBGN)], Giraldo, ca. 16 Oct. 1988 (Anonymous, 1989).

MONTEREDONDO; Cundinamarca ca. 0417/7348
4,500 ft [1,375 m], posada [now a town ?] on eastern slope of Eastern Andes on trail [now a highway] from Bogotá [0436/7405 (USBGN)] to Villavicencio [0409/7337 (USBGN)], in Río Negro Valley, few miles E of Quetame [0420/7351 (USBGN)], Chapman, Fuertes, et al., 28 Feb.-1 Mar. 1913 (Chapman, 1917:51, 649; CU); Fuertes, 16 Mar. 1913 (CU); collector ?, 21 Nov. 1960, 5 July 1964, 5 Aug. 1969, 29 Dec. 1970, 5 Jan. 1971 (Olivares, 1974a:82ff); in municipio Guayabetal [0413/7349 (USBGN)], Kaester, at ca. 2,250 m, 16 Oct. 1989, Stiles and Kaester, ca. 3 km ENE, at 2,075 m, 19-20 May 1990, Stiles, et al., 10-13 Jan. 1991 (Stiles, 1992:390-

391, as "Monterredondo"); spelling uncertain; it probably is "Monterredondo," as spelt by de Schauensee (1948a: 313), Olivares (1974a:79), and Stiles (1992:391), or possibly "Monte Redondo."

MONTE REY; Boyacá Not located
In eastern lowlands of Boyacá, collector ?, 30 Dec. 1963 (Olivares, 1974a: 72); probably an error for Monterrey [0455/7253 (USBGN)], Casanare.

MONTERÍA; Córdoba 0846/7553 (USBGN)
20 m, on Caribbean coastal plain on Río Sinú [0924/7559 (USBGN)] 70 km from sea (MHA); Carriker, 4 Jan., 1 Mar. (ASNP), 29 Feb., 1 Mar. 1916 (FMNH; CM); Paloolian, 16, 18, 20-21, 27, 31 Oct., 3, 21 Nov. 1929 (LACMNH); collector ?, date ? (Borrero, 1972b:398); collector ?, June 1966, Marinkelle, 8 July 1967 (WVZ); Isaza, 24 Jan., 3, 29 Feb., 10, 19, 26 May, 10, 25 June, 25 July, 7 Aug., 22 Sept., 10 Oct., 20 Nov. 1972, 30 Jan., 7 May, 12 July, 6, 18, 30 Aug., 25, 29 Sept., 1-2, 8, 10 Oct., 1, 4, 7, 30 Dec. 1973, 4 Feb., 9, 17 Mar., 1, 7 Dec. 1974, 2 Feb. 1975, 3 May 1976, 21 May, 21 Oct., 13 Nov., 30 Dec. 1978, Serna, 14 Oct. 1972, Serna and Isaza, 12 Nov. 1971, 14 Oct. 1972, 10, 12 Nov., 12 Dec. 1977, Isaza, et al., 2 Oct. 1973, 12 Nov. 1977, Isaza and Revueltas, 30 Sept., 3, 19 Oct. 1973, Isaza and Ordosgoitia, 30 Sept. 1973, Valverde and Wolff, 5 Apr. 1977 (Serna, 1980:7-16, 18, 24, 28-29, 32, 34, 40-41, 44, 46-47, 50, 60-61, 64, 73, 82-84, 95, 97, 99, 103); Haffer, S of Montería, Jan., Feb., NW of Montería, June-Aug., W of Montería, June 1958 (Haffer, 1959:15, 23); collector ?, date ?, between Montería and Cereté [0853/7548 (USBGN)] (Borrero, 1972b:398).

MONTERREDONDO (de Schauensee, 1948a:313); see Monterredondo.

MONTERREY; Casanare 0455/7253 (USBGN)
ca. 200 m, in eastern llanos close to base of Andes, 75 km SW of El Yopal [0521/7223 (USBGN)] (Atlas, 1977); collector ?, 10 Sept. 1963, 10 Sept. 1968 [one year probably incorrect] (Olivares, 1974a:97, 101); see, also, "Monte Rey."

MONTERRUBIO; Magdalena 1014/7417 (USBGN)
ca. 100 m, in central part of state, 33 km SSW of Fundación [1031/7411 (USBGN)] and 68 km ESE of Campo de la Cruz [1023/7453 (USBGN)] (Atlas, 1977); reforested, dry tropical, 4,000 ha plantation, Serna and Madrigal, date ? (Serna & Madrigal, 1988).

MONTISCUA; Norte de Santander Not located
Nicéforo, at heights in front, 22 Jan. 1955 (Iafrancesco, et al., 1988:116).

MORALES; Cauca 0245/7638 (USBGN)
1,635 m, in upper Cauca Valley, 37 km NNW of Popayán [0227/7636 (USBGN)] (MHA); listed by de Schauensee (1955a:1132) without collector or date.

MORELIA; Caquetá 0131/7541 (USBGN)
ca. 300 m, 15 km SW of Florencia [0136/7536 (USBGN)] in lowlands near eastern base of southern Eastern Andes (MHA); on Río Bodoquiere [0116/7532 (USBGN)] (Hilty & Brown, 1986:ix); Miller, 8-26 July 1912 (Chapman, 1917:45, 648, as "La Morelia, *southeast* of Florencia, 600 ft [180 m]," and plate I as "La Murelia"); von Sneider, 4, 21 Sept. (Dugand & Borrero, 1948:128), at 450 ft [150 m], 600 ft [180 m], and 900 ft [270 m], 2, 8 Oct. 1941 (FMNH; CU), altitude ?, 15 Oct., 7 Nov. 1941 (de Schauensee, 1947b:119, as "La Morelia"; ANSP), at 450 ft [150 m], 11 Nov. 1941 and May and July 1941 ? (de Schauensee, 1945b:42, 55, as "La Morelia"); von Sneider, altitude ?, 28 Feb., 11 July, 9, 24-30 Sept., 1-5, 7-31 Oct., 1-30 Nov., 1, 6-10, 12, 19 Dec. 1941, 11 May, 19 Nov. 1942 (UMMZ; ANSP); Nicéforo, 10 Sept. 1941, 15 June, 1951, 3, 12, 17 May, 5 June 1954 (Serna, 1980:20; Iafrancesco, et al., 1985:51, 58; 1987:94, 123, 131); collector ?, Mar. 1951 (Iafrancesco, et al., 1988:137); Dunning, 8 Jan. 1968 (ANSP); Chapman, 1915b:649, as "La Muralla"; Carriker (1955:64) says that there is a ranch called "La Muralia" SE of Florencia, where he collected [date ?] and where Miller's collectors may have visited in 1912; even if correct, it is not far from Morelia and in such uniform terrain the avifauna must be similar; also see Azero, Río.

MOSCO, PUERTO; see Puerto Mosco.

MOSCOPÁN; Huila/Cauca ca. 0220/7605
2,000-2,900 m, name for general region around Río Moscopán [0217/7559 (USBGN)], a tributary of upper Río de la Plata [0226/7553 (USBGN)] on eastern slope of southern Central Andes, 32 km W of La Plata [0223/7553 (USBGN)] (de Schauensee, 1948a:313); Lehmann (1957:147) includes within the region altitudes up to 3,300 m, which encompasses páramo, and says the region is drained by Río San José [Río Aguacatal, 0216/7601 (USBGN)], Río San Marcos [not located], and Río Quebradón [not located], as well as by the quebradas of San Juan [not located], Flautas [not located], and Las Quebradas [not located], and includes within the region the towns of San Juan [not located], San Marcos [not located], and Tijeras [0222/7616 (USBGN)]; de Schauensee (loc. cit.) also includes in the region the Río Bedón [ca. 0220/7620], which originates at Laguna de San Rafael [0225/7625 (USBGN)] on Páramo de Puracé [ca. 0224/7627], and he also includes records from "west of La Plata"; records from "Moscopán" are:

von Sneidern, 2 Feb., 3 Mar., 12 Apr., 6 June, 20 Aug., 21 Oct., 24 Dec. 1943, 20, 26 Apr., 1, 3, 10, 28 May, 4, 29 June, 10 July, 23 Oct., 21 Nov. 1944, 28 Mar., 12 Apr., 7 May 1945, 26 Jan. 1947, 10 Jan. 1948, 7 Jan. 1951 (YPM; von Sneidern, 1955:38; UMMZ; ASNP; Lehmann, 1943c:190), above Moscopán, at 6,900 ft [2,100 m], June 1944 and at 3,400 ft [1,050 m] (FMNH); Carriker, Feb.-Mar. 1952 (see Tijeras; USNM), 3-6, 8-13 Mar. 1954 (YPM), Jan., 4, 6-25 Feb. 1956 (see Tijeras; CU; FMNH; CM), 16, 22, 28 Feb. 1958 (YPM; UMMZ), Mar. 1959, Aug. 1960, 16 Jan. (LSU), 23 June 1962, and 23 June 1963 (YPM); Lehmann and Borrero, at 2,900 m, Apr. 1942 (Lehmann, 1943c:190); Lehmann, at 2,100 m, 5 Aug., 14 Oct. 1958 (MVZ); collector ?, date ?, at 2,700-2,800 m (Dugand, 1948a:178); and Carriker, 20 Mar., 23 June 1959, 20, 22, 26 Aug. 1960, 16 Jan., 23 June 1962, Acevedo, 17 June, 6, 10 July 1965 (WVZ); see, also, La Plata; Tijeras; Finca Merenberg; Quebradón, Río; and Aguacatal, Río.

MOSQUERA; Cundinamarca 0443/7414 (USBGN)
 ca. 2,739 m, on Sabana de Bogotá, 22 km W of Bogotá [0436/7405 (USBGN)] (MHA; IGAC [Bogotá]); collector ?, Oct. 1922, 1923 (Nicéforo, 1945:387); collector ?, 2 Dec. year ? (de Schauensee, 1949:395); collector ?, 2 Dec. 1939, 20 Nov, 1940 (UNC); collector ?, on Mosquera road [from Bogotá ?], date ?, and between Mosquera and La Mesa [0438/7428 (USBGN)], date ? (Olivares, 1969b:230, 377); Stirton, 4 km SW at Cañón de las Catedras [not located], at 2,625 m, 26, 31 Jan., 1 Feb. 1951, 4.5 km SW at Cerro de las Catedras [not located], at 2,800 m, 30 Jan. 1951, and Stirton and A. H. Miller, at Vereda Balsillas [not located; probably refers to path to Río Balsillas at ca. 0435/7415 (Atlas, 1977)], at 2,812 m, 6 km SW of Mosquera, 30 Jan. 1951, A. H. Miller, 6 km SW, at 8,500 ft [2,600 m], 23 Jan. 1949 (MVZ).

MOTAVITA; Boyacá 0535/7323 (USBGN)
 2,851 m, in interior northern Eastern Andes, 7 km N of Tunja [0531/7322 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1967:413).

MOZAMBIQUE; Meta; Not located
 E of Villavicencio [0409/7337 (USBGN)], Gill and Stokes, Feb. 1970, Fisher, Dec. 1971 (Hilty & Brown, 1986:161, 163, 503).

MOZAMBIQUE, HACIENDA; see Hacienda Mozambique.

MUCHIMBO, PUNTO; Valle del Cauca ca. 0408/7704
 ca. 100 m (MHA); on left bank of lower Río San Juan [0403/7727 (USBGN)] on Pacific coastal plain on border of Chocó, just below mouth

of Río Calima [0408/7704 (USBGN)] and ca. 3 km below Palestina [0409/7704 (USBGN)] (Wetmore, 1951:1; USNM; Mapa, 1976); Carriker, 22-24, 26-31 Dec. 1950, 3-6, 8-2 Jan. 1951 (USNM).

MUCURERA, LA; see La Mucurera.

MUERTE, ISLA DE LA; Valle del Cauca 0403/7718 (USBGN)
Alt. ?; in Bahía de Málaga [0355/7720 (USBGN)], north of Buenaventura [0353/7704 (USBGN)], Borrero and Cataño, 8 Oct. 1969 (Naranjo, 1983a:2); not on available maps.

MUERTO, CAÑO; Santander ca. 0710/7355
In vicinity of Quebrada Lisama [ca. 0710/7355], a small affluent of Río Sogamoso [0713/7356 (USBGN)] near latter's confluence with Río Magdalena [1106/7451 (USBGN)], and also location of Peroles [ca. 0710/7355], uninhabited, 90% virgin forest, collector ?, date ? (Borrero, Olivares, & Hernández, 1962:586); Borrero and Hernández, 1956 (FMNH); Borrero & Hernández, 19, 26 Oct. 1957 (MVZ, as "Caño Muerto, Peroles, Barranca Bermeja [Barrancabermeja, 0703/7352 (USBGN)]"; ANSP); Borrero & Hernández, 1958:290, also cite as "Barrancabermeja, Vereda Peroles, Caño Muerto."

MUJERES, CAÑO DE LAS; see Las Mujeres, Caño de.

MUKÚRRARUHU; La Guajira ca. 1211/7117 (Marinkelle, 1970:16, map)
ca. 100 m, ca. 4 km NW of Nazareth [1211/7117 (USBGN)] at northeastern base of Serranía de Macuira [1210/7120 (USBGN)], at tip of Península de la Guajira [1200/7130 (USBGN)], Marinkelle, ca. 10-14 Jan. 1968 (Marinkelle, 1970:15-34).

MULATOS; Nariño Not located
Within Parque Nacional Natural Sanquianga, Naranjo, et al., Jan-Feb. 1992 (Naranjo, 1993:30); presumably on coast of northern Nariño

MULATOS, RÍO; Antioquia 0839/7644 (USBGN)
Drains northern Antioquia, rising in hills E and SE of Golfo de Urabá [0825/7653 (USBGN)] and discharging into Caribbean 20 km E of gulf (MHA; IGAC [Antioquia]); upper and middle portions forested 1959 but clearing taking place by 1965, Haffer, in middle and upper parts, Jan. 1958 and 21-29 Jan. 1965 (Haffer, 1959:4-5, 12; 1975:11, 75); Haffer (1967b:29, 38) refers to specimens taken on river at "mouth of Umbito Creek" [not located] and at Camps I, II, and III [not located].

MUÑA, EMBALSE DEL; Cundinamarca ca. 0432/7418 (Atlas, 1977)
2,555 m, reservoir at Sibaté [0430/7416 (USBGN)], which also see, at extreme SW of Sabana de Bogotá, 25 km SW of Bogotá [0436/7405 (USBGN)] (Borrero, 1952b:2, also as "Represa del Muña"; Atlas, 1977); Borrero and Lumsden, Jan. 1950 (Borrero, 1952b:4); Borrero, 18 Nov. 1951, 2, 9 Mar. 1952 (Borrero, 1952a:7, 8); Fjeldså, 6 Oct. 1981 (Fjeldså, 1993:226).

MUÑA, REPRESA DEL (Borrero, 1952b:2); see Muña, Embalse del.

MUÑA, RÍO; Cundinamarca ca. 0425/7415
Stream feeding Embalse del Muña [ca. 0432/7418 (Atlas, 1977)], S of Sibaté [0430/7416 (USBGN)] on southern edge of Sabana de Bogotá (Dicc. Geog.); does not appear on our maps; Borrero, June 1944, 5 June 1945 (Borrero, 1946:171, 173); collector ?, 9 Apr. 1945 (Nicéforo, 1945:369); collector ?, date ? (Dugand, 1948a:170).

MUNCHIQUE (von Sneider, 1954:9); see Munchique, Cerro.

MUNCHIQUE, CERRO; Cauca (1) 0232/7657 (USBGN)
3,012 m, one of highest peaks in the Western Andes, 40 km W of Popayán [0227/7636 (USBGN)] (MHA); site of Parque Nacional Natural Munchique [0244/7701 (WCMC)], covering 44,000 ha, ranging from 500-3,000 m (Dicc. Geog.; Negret, 1991:39); Richardson and Miller, on eastern slope at 8,325 ft [2,550 m] in virgin forest, 22 May-4 June and on western slope at Cocal [0231/7700 (USBGN)], at 4,000 ft [1,225 m], 6-18 June 1911 (Chapman, 1917:30-31, 643, 644); Lehmann, at 1,000 m, July 1935, Jan. 1936, at 2,000 m, Oct. 1939, at altitude ?, Oct. 1946, at altitude ?, July 1941, Angulo, at 1,000 m, Feb. 1936, von Sneider, at 1,000 m, Sept. 1948, Orozco, July 1944 (Negret, 1991:41-44); von Sneider, frequent visits, 1936-39 (FMNH); a partial itinerary: von Sneider, at 1,700 m, 6 Mar., at 2,300 m, 4, 23 Aug. 1935, at 2,400 m, 20 Jan., at 2,100 m, 20 Mar., at 2,300 m, 5 May, at 2,000 m, 6, 18 June, at 1,700 m, 1 Oct., at 1,900 m, 6, 10, 18 Oct., at 2,000 m, 30 Oct., at 2,400 m, 13 Nov., at 2,500 m, 1, 8 Nov., at 2,000 m, 20 Dec. 1936, at 1,900 m, 23 Apr., 6 May, at 2,500 m, 10 June, 27 Nov. 1937 (Gyldenstolpe, 1941:5-14), at altitude ?, 25 Jan. 3, 22 Oct. 1938, 26 July 1945 (ANSP, as "Munchique"), at 2,400 m, Oct. 1955 (Lehmann, 1957:734), at 1,900-7,500 ft [600-2,300 m], date ? (Bond & de Schauensee, 1940:167); von Sneider, on eastern slope at 2,000 m, 29 Dec. 1938 (Lehmann, 1943c:188) and Feb. 1946, May 1949, on western slope at 1,000 m, July 1950, 15 Sept., Dec. 1951 (von Sneider, 1954:9-10 and 1955:39, both as "Munchique"); Alvaro and Valenuea, 1 Mar. 1956, von Sneider, 5, 20 Oct. 1956, 31 [?] June 1957 (UMMZ;

LACMNH), Aug. 1958 (Negret, 1991:42); von Sneidern sometimes also recorded specimens from named localities on the slopes, e.g., El Tambo [0225/7649 (USBGN)] and Chisquío [0229/7652 (USBGN)], which see; Carriker, 7,500-9,500 ft [2,300-2,900 m], 4-10, 12-22, 24 Aug. 1952 (USNM); Carriker, 21 Oct. 1954, 14, 25-31 Jan., 1-2 Feb., 15-24 June 1955, 6-7, 16-27, 29-30 Jan., 27 June, 29 July, 1 Aug. 1956, at 2,500 m, 27 Jan. 1956, 17 Apr., 1 Sept. 1957, von Sneidern, 1 June 1940, 25 Jan., 2 Feb., May 1955, 20 Feb., 5 Oct. 1956, 20 July, 22 Nov. 1957 (YPM; MVZ; CM); Carriker, at altitude ?, July 1956, 9, 22-23 Jan., 9, 11 Feb., 4, 14-26 Apr., 31 Aug., 1-6 Sept., 5-6, 31 Oct. 1957 (FMNH; Blake, 1959:9; UMMZ; LACMNH); Carriker, at altitude ?, 20, 29-30 Sept., 1-4, 29 Oct., 5 Nov. 1958, Mar., 17-18, 22-28 May 1959, 22 Aug., 9 Oct 1960 (WVZ; LACMNH; LSU); Marinkelle, nearby, 4 Oct., 12 Nov. 1969 (UMMZ, as "Munchique"); Pazos, 7, 9, 11, 12 Mar., at 2,000 m, 28 Nov., 5, 9 Dec. 1972 (MCZ, as "Munchique"; MVZ, as "Munchique"); collector ?, 1 July, Oct., Nov. 1968 (WVZ); collector ?, at Santa Rita [0202/7650 (USBGN)], Nov. 1990, Negret, on eastern flank, at 1,900 m, Sept. 1987, at Honduras [ca. 0235/7745 (Atlas, 1977)], June 1988, on lower Río Mechengue [0240/7712 (USBGN)], June 1981, on lower Río Sigüí [0253/7714 (USBGN)], July 1988, at Santa Rita, Jan. 1991, at La Bermeja [ca. 0235/7710 (Atlas, 1977)], Aug. 1988, Jan. 1991, at Tambito [ca. 0230/7700 (Atlas, 1977)], Jan. 1990, at La Gallera [ca. 0235/7655], Jan. 1991, at Quebrada Quitacalzón [not located], at 1,000 m, May 1990, at Km 75 on route from La Romelia [not located] to La Gallera, Oct. 1990, at Juntas [not located], Nov. 1990, Negret, at El Cóndor [ca. 0235/7700], July 1989, at Cerro Santana [not located], June, July 1990, Acevedo, at El Cóndor, Jan. 1991 (Negret, 1991:41, 42, 43); Hilty, on northeastern slope, 16 July 1978, Hilty, at 2,500 m, 1979, Brown, Mar. year ? (Hilty & Brown, 1986:203, 260, 648); Pearman, in national park, at altitude ?, 25-26 Mar., on western slope, altitude ?, 17 Apr. 1987 (Pearman, 1993:68); Negret and Acededo, at La Cueva [not located], at 1,000 m, 1 Oct. 1993 (Negret, 1997a:49); Negret, near "the cabin" at 1,800 m, 20 July year ? and presumably same place, Mar. 1994 (Negret, 1997c:88); not to be confused with a lower Cerro Munchique [ca. 0300/7620] in northern Cauca near town of Santander [*olim* Quilichao; 0301/7628 (USBGN)] (see Lehmann, 1957:127, 141); also see La Gallera, El Cóndor, El Tambo, and Tambito; the latter name is often associated with Cerro Munchique on von Sneidern's specimen labels.

MUNCHIQUE, CERRO; Cauca (2) ca. 0258/7620 (IGAC[Cauca])
 2,100-2,200 m, to SE of town of Santander [*olim* Quilichao, 0301/7628 (USBGN)], northern Cauca on western slope of Central Andes, had primary vegetation until a few years before 1957, Lehmann, 18 June 1957,

at 1,650 m, not to be confused with better-known Cerro Munchique [0232/7657 (USBGN)] in Western Andes, W of Popayán [0227/7636 (USBGN)] (Lehmann, 1957:137, 141; IGAC [Cauca]).

MUNCHIQUE, PARQUE NACIONAL NATURAL; see Munchique, Cerro (1).

MUNCHIQUE, RÍO; Cauca ca. 0235/7715

Small stream on western slope of Cerro Munchique [0232/7657 (USBGN)], flowing into Río San Juan de Micay [0305/7732 (USBGN)] on Pacific slope (de Schauensee, 1948a:313); not on our maps; von Sneider, 18 Oct., 18-19 Nov., 5 Dec. 1937 (ANSP, as "El Tambo, Río Munchique"), 5 Aug., 16 Oct. 1938, 21 Jan., 10 Oct., 10-11 Dec. 1939 (UMMZ, as "El Tambo, Río Munchique"), at 2,400-3,000 ft [750-900 m], date ? (Bond & de Schauensee, 1940:154, 163); von Sneider, Sept. 1958 (FMNH); also see El Tambo, as this name is often associated with Río Munchique on von Sneider's specimen labels.

MUNGUIDÓ (Haffer, 1967c:143); see Munguidó, Río.

MUNGUIDÓ, RÍO; Chocó, 0543/7642 (USBGN); see Munguidó, Río.

MUNGUIDÓ, RÍO; Chocó 0717/7636 (USBGN) ?

Small affluent of Río Sucio [0727/7707 (USBGN)], entering the Sucio across from Pavarandó [0717/7636 (USBGN)], northern Chocó (MHA); collector ?, date ? (Haffer, 1967c:143, as "Munguidó"); by noting that "Munguidó" is in the lower Atrato valley, Haffer (loc. cit.) distinguishes this site from similarly named rivers farther S in Chocó; however, de Schauensee (1948a:312) believes "Monguido," presumably of Chapman (1917:287), a Kerr site, refers to the Río Munguidó [0543/7642 (USBGN)] which enters Río Atrato [0817/7658 (USBGN)], also a known Kerr collecting locality; this appears logical, and it may be that Haffer incorrectly identified "Munguidó," especially if the unidentified collector was Kerr.

MURALLA, LA (Chapman, 1915b:649); see Morelia.

MURELIA, LA (Chapman, 1917, pl. 1); see Morelia.

MURILLO; Cundinamarca 0454/7511 (USBGN)
3,056 m, on eastern slope of Central Andes, 61 km ENE of Pereira [0449/7543 (USBGN)] and 61 km SW of Honda [0512/7445 (USBGN)] (MHA); Mejía, 1981 (Mejía, 1983).

MURILLO; Valle del Cauca 0416/7607 (USBGN)
ca. 900 m (MHA); on eastern side of upper Cauca Valley, 21 km W of Sevilla [0416/7557 (USBGN)] and 20 km NE of Tuluá [0406/7611 (USBGN)], at junction of N/S highway and road across Andes to Ibagué [0427/7514 (USBGN)] (Atlas, 1977; Mapa, Valle, 1973, as "Uribe"); collector ?, between Uribe [= Murillo] and Sevilla, 1,000-1,800 m, date ? (Borrero, 1972b:400); not to be confused with Uribe [0232[?]/7650 (USBGN)], Cauca.

MURINDÓ; Antioquia 0702/7645 (USBGN)
23 m, in Atrato Valley in northwestern Antioquia near Chocó border, on Río Murindó [0657/7647 (USBGN)], an affluent of Brazo de Murindó [0704/7654 (USBGN)] which is a tributary of Río Atrato [0817/7658 (USBGN)], 53 km W of Dabeiba [0701/7616 (USBGN)] (MHA); Carriker, 10, 12-16, 18-19 Feb. 1918 (de Schauensee, 1950b:13; Carriker, 1955:58; CM; UMMZ; ANSP); also see Boca Murindó.

MURINDÓ, BOCA; see Boca Murindó.

MURRÍ, RÍO; Antioquia 0633/7652 (USBGN)
River with headwaters on the western slope of north-central Western Andes and its mouth on Río Atrato [0817/7658 (USBGN)], 100 km N of Quibdó [0542/7640 (USBGN)] (MHA); Haffer, near mouth of Río Pavarandó [not located; not Río Pavarandó Grande, 0717/7636 (USBGN)] in forested foothills, 15-16 Mar. 1965 (Haffer, 1967a:351; 1975:75).

MURRUCUCÚ (Niséforo & Olivares, 1964:7); see Murrucucú, Cerro.

MURRUCUCÚ, CERRO; Córdoba 0759/7600 (USBGN)
1,270 m, rises between upper Río Sinú [0924/7549 (USBGN)] and Río San Jorge [0907/7444 (USBGN)] at northern end of Western Andes, from which it is somewhat isolated by intervening lower elevations (MHA); heavy tropical forest (de Schauensee, 1952a:1133, as "Cerro Murucucú"); von Sneidern, at 1,500 m, 24, 28, 31 May (von Sneidern, 1954:7, as "Murucucú"; UMMZ, as "Murucucú") and 3 June 1949 (de Schauensee, 1950b:12, as "Murucucú"); von Sneidern, at altitude ?, 16 Jan., 25 Mar., 29 Apr., 24-31 May, 1-6, 14-20, 23 June, 18 July 1949 (ANSP); Niséforo & Olivares, 1964:7, as "Murrucucú."

MURUCUCÚ (von Sneidern, 1954:7); see Murrucucú, Cerro.

MURUCUCÚ, CERRO (de Schauensee, 1952a:1133); see Murrucucú, Cerro.

MUTATÁ; Antioquia 0714/7625 (USBGN)
ca. 200 m, very close to western base of southern end of Serranía de Abibe [0750/7630 (USBGN)] on western side of northernmost Western Andes (IGAC [Antioquia]); Haffer, at 130 m along road NW of Mutatá toward Pavarandocito [0716/7630 (USBGN)], in forest, 4-16 Aug. 1966 (Haffer, 1967c:126; 1975:74); collector ?, 13 May 1968 (Serna, 1980:76); Cuadros, 1 Apr. 1983 (Weber, 1994); Dunning, nearby, date ? (ANSP).

MUTIS; Chocó 0614/7725 (USBGN)
Sea level, on Pacific coast of north-central Chocó at head of Bahía Solano [0620/7726 (USBGN)] (MHA); collector ?, date ? (Haffer, 1975:10-11); see, also, Solano, Bahía.

MUTISCUA; Norte de Santander 0718/7245 (USBGN)
2,649 m, on eastern side of northern Eastern Andes, just below Páramo de Santurban [0715/7252 (USBGN)], at headwaters of Quebrada Sulasquilla [0731/7246 (USBGN)], a tributary of Río Zulia [0904/7218 (USBGN)], 15 km SW of Pamplona [0723/7239 (USBGN)] (MHA); Wyatt, late Feb. 1870 (Wyatt, 1871:map, 127-128, 321, as "Mutisgua" and "Matisgua"; Chapman, 1917:649, as "Matisuga").

MUTISGUA (Wyatt, 1871:map); see Mutiscua.

MUZO; Boyacá 0532/7406 (USBGN)
1,240 m, on western slope of central Eastern Andes, in steep-sided valley of Río Minero [0615/7408 (USBGN)], 105 km N of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, 9 Apr. 1920 (Iafrancesco, et al., 1989:132); collector ?, date ? (Nicéforo, 1940:321); Nicéforo ?, Nov. 1922 (MCZ); Nicéforo, in vicinity, date ? (Friedmann, 1947:484); Guevara, date ? (Dugand, 1942:72).

NACIONAL, PUENTE; see Puente Nacional.

NACIONAL, PUERTO; see Puerto Viejo.

NAHUANGE (de Schauensee, 1948a:314); see Nenguange.

NAÍN, RÍO; Córdoba 0754/7618 (USBGN)
Rises on northern slope of Alto de Carepa [0752/7629 (USBGN)] in northern Serranía de Abibe [0750/7630 (USBGN)] and flows 25 km NE to left bank of upper Río Sinú [0924/7549 (USBGN)] (MHA); Hershkovitz, 1950 (Blake, 1955:17; FMNH); Haffer, ca. 1958-1959 (Haffer, 1959:4, 20).

NAMBÍ, RÍO; Nariño 0140/7802 (USBGN)
Tributary of Río Telembí [0150/7816 (USBGN)] rising on lower slopes of central southern Nariño, N of Ricaurte [0113/7759 (USBGN)] (Atlas, 1992); Salaman, et al., in vicinity of upper river, at 0118/078[=0]5, at 1,350 m, July-Sept. 1991, with known specific date of 25 Aug., Salaman, July 1992, Aug. 1993., Aug. 1994, July-Dec. 1995, Stiles, Mar. 1995 (Salaman & Stiles, 1996:611-112).

NAPIPÍ, RÍO; Chocó 0640/7657 (USBGN)
Rises in northern Chocó in central Serranía de Baudo [0600/7705 (USBGN)], close to coast, and flows E to left bank of middle Río Atrato [0817/7658 (USBGN)] (MHA); Haffer, at headwaters near Río Doguado [0643/7707 (USBGN)], forested with few clearings [1965], 26 Feb.-2 Mar. 1965 (Haffer, 1967a:351; 1975:75).

NARANJITO; Valle del Cauca ca. 0347/7644
3,900 ft [1,200 m], on Río Dagua [0352/7704 (USBGN)], on Pacific slope of Western Andes, Palmer, ca. 23-29 Jan., 19 June-2 July 1908 (MCZ); not indicated on available maps; although the altitudes differ, probably this is El Naranjo [0347/7644 (USBGN)], which see, on Quebrada Naranjo [ca. 0347/7644 (Mapa, Valle, 1973)], a tributary of the Río Dagua, and near Cisneros [0347/7646 (USBGN)], Juntas [ca. 0346/7645 (Mapa, Valle, 1973)], Bitaco [0336/7636 (USBGN)], three other nearby Palmer collecting sites on route to the Pacific; Palmer was at Bitaco and Naranjito on 20 June.

NARANJO; Magdalena (Allen, 1900a:127); see Los Naranjos.

NARANJO; Santander (Wyatt, 1871:129); see El Naranjo, Santander.

NARANJO; Valle del Cauca (de Schauensee, 1948a:314); see El Naranjo, Valle del Cauca.

NARANJO, EL; see El Naranjo.

NARANJOS, LOS; see Los Naranjos.

NARARET (Lehmann, 1945:100); see Nazareth.

NARE; Antioquia 0612/7435 (USBGN)
132 m, on left bank of middle Río Magdalena [1106/7451 (USBGN)], 40 km SW of Puerto Berrío [0629/7424 (USBGN)] (MHA); Chapman, Fuertes, et al., 31 Jan. 1913 (Chapman, 1917:650; CU, as "Nare, Puerto Niño" and "Nare, Puerto Berrio").

NARIÑO; Cundinamarca 0424/7450 (USBGN)
337 m, on right bank of upper Río Magdalena [1106/7451 (USBGN)], 11 km NNW of Girardot [0418/7448 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:136); Isaza, 12 Feb. 1968 (Serna, 1980:104).

NARIÑO, DEPARTAMENTO DE 0130/7800 (USBGN)
Southwestern Colombia on Ecuador border, extending from eastern slope of Andes westward across to Pacific Ocean; bordered on N by Cauca and on E by Putumayo; Pasto [0113/7717 (USBGN)] is the major city.

NARIÑO, PUERTO; see Puerto Nariño.

NATAGAIMA; Tolima 0351/7506 (USBGN)
316 m, on left bank of upper Río Magdalena [1106/7451 (USBGN)] 30 km SW of Purificación [0351/7455 (USBGN)] and 80 km NNE of Neiva [0256/7518 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:315).

NAVAIA Not located
Batty, July 1898 (MCZ); probably in Valle del Cauca or Cauca, where Batty known to have worked, or possibly a misspelling of Neiva [0256/7518 (USBGN)], Huila.

NAVAJAS; Meta 0402/7256 (USBGN)
ca. 200 m, in llanos, on right bank of Río Metica [0410/7256 (USBGN)], a major affluent of upper Río Meta [0612/6728 (USBGN)], 8 km SSE of Puerto López [0405/7258 (USBGN)] and 82 km ESE of Villavicencio [0409/7337 (USBGN)] (Atlas, 1977); collector ? [Renjifo ?], June-July 1946 (Renjifo, 1950:540ff); see, also, Hacienda Navajas.

NAVAJAS, HACIENDA; see Hacienda Navajas.

NAVARRO; Valle del Cauca 0323/7628 (USBGN)
ca. 1,000 m (MHA); on southeastern outskirts of Cali [0327/7631 (USBGN)] (Mapa, Valle, 1973); name is applied to the region extending SE about 10 km along Río Cauca [0854/7428 (USBGN)], heavily cultivated and populated, most collections by Lehmann (details of which are not published) along western bank of the Cauca, but some on eastern bank, Lehmann, Dec. 1955, 18, 24, Sept., 8, 21, 29 Oct., 12, 14, 26 Nov. 1956, 10 Jan., Feb., 5 Mar., Dec. 1957, Aug. 1959 (Lehmann, 1957:106, 132-133, 142, 150; Lehmann, 1959a:225; MVZ; LACMNH; LSU); Sibley, 8 June 1956 (CU); Lehmann, Nov. 1956, Nov. 1957 (FMNH); Lehmann, 20 Aug. 1959 (WFBVZ).

NAVÍO QUEBRADO, CIÉNAGA DEL (Anonymous, 1989); see Navío Quebrado, Laguna de.

NAVÍO QUEBRADO, LAGUNA DE; La Guajira 1125/7306 (USBGN)
Small bay on northern coast of Península de la Guajira, ca. 20 km SW of Ríohacha [1133/7255 (USBGN)], into which flow several rivers, including Río Camerones [1125/7305 (USBGN)] (MHA); nesting area (formerly ?) for *Phoenicopterus ruber* (Sprunt, 1976:36, as "Bahía Camarones"); Serna, 1980 and/or 1981 (Serna, 1984:21, as "Bahía Camarones"); Mayorga, ca. 16 Oct. 1988 (Anonymous, 1989)

NAZARET; Amazonas ca. 0409S/6957
Tikuna Indian reserve of 1,367 ha, near Leticia [0409S/6957 (USBGN)] (Dicc. Geog.); Timoteo, W of Leticia, 10 Dec. 1958 (Iafrancesco, et al., 1988:116, as "Nazareth"); collector ?, 1, 16, 19 Jan 1966 (Serna, 1980:10, 17, 37, p. 23, as "Nazareth").

NAZARET; Córdoba ca. 0817/7608
65 m, on upper Río Sinu [0924/7549 (USBGN)], 19 km NW of Tierra Alta [Tierralta, 0811/7604 (USBGN)] (de Schauensee, 1952a:1133); S of Valencia [0815/7610 (USBGN)] (Dicc. Geog.); Carriker, 22-28 Feb., 1-5, 7-9 Mar. 1949 (USNM).

NAZARET; La Guajira (Wetmore, 1968:325-326); see Nazareth, La Guajira.

NAZARETH; Amazonas (Serna, 1980:23); see Nazaret, Amazonas.

NAZARETH; La Guajira 1211/7117 (USBGN)
ca. 200 m, at tip of Península de la Guajira [1200/7130 (USBGN)], on NW

slope of Serranía de Macuira [1210/7120 (USBGN)] (MHA, as "Nazaret"; Mapa, 1976); subhumid forest (de Schauensee, 1948a:314, as "Nazaret"); Wetmore and Carriker, 600 to 2,300 ft [200-700 m], 21-29 Apr., 1-2, 5-11, 13-14 May 1941 (USNM; Wetmore, 1946b:1; 1953:1, 12; 1968: 325-326; Carriker, 1954:19; all as "Nazaret"); Marinkelle, 1, 9-14 Jan. 1968 (Marinkelle, 1970:15-34; WFVZ; UMMZ; LACMNH); Lehmann, 1945:100, as "Nararet."

NECHE (Sclater & Salvin, 1879:493); see Nechí, Río.

NECHE, RÍO (Sclater & Salvin, 1879:489); see Nechí, Río.

NECHÍ; Antioquia 0807/7446 (USBGN)
60 m, at junction of Río Nechí [0808/7446 (USBGN)] and Río Cauca [0854/7428 (USBGN)], off northern end of Central Andes (MHA); von Sneider, 1-2, 30 July 1947 (FMNH; Blake, 1959:3; MVZ), Aug. 1948 (CU).

NECHÍ, HACIENDA; see Amagá.

NECHÍ, RÍO; Antioquia 0808/7446 (USBGN)
Major tributary of middle Río Cauca [0854/7428 (USBGN)], rises on northern end of Central Andes and flows N to join Río Cauca on its right bank (MHA); Salmon, ca. 1872-1878, a few miles N of confluence of "Río Poro" [Río Porce, 0728/7453 (USBGN)] with "Río Neche" or "Nichi" at Dos Bocas [0727/7454 (USBGN)] (Sclater & Salvin, 1879:489, frequently, e.g., p. 493, omit the "Río" and use only "Neche"); de Schauensee, 1948a:315, says Salmon probably collected near junction of Río Nechí and Río Medialuna, ca. 110 km SW of town of Nechí [0807/7446 (USBGN)], but we can find no Río Medialuna as an affluent of Río Nechí, only Quebrada Medialuna [0711/7515 (USBGN)] which enters Río Cauca; von Sneider at Nechí, which is at junction of the Río Nechí and Cauca, July 1947; collector ?, date ?, at El Real [0740/7446 (USBGN)] on upper Río Nechí (Nicéforo & Olivares, 1967:403); von Sneider, at Cuturú [0755/7447 (USBGN)], 5, 8 Aug. 1947 (Blake, 1959:2).

NECOCLÍ, Antioquia 0826/7648 (USBGN)
Sea level, at Punta Urabá [0826/7648 (USBGN)] on eastern side of Golfo de Urabá [0825/7653 (USBGN)], 38 km NNW of Turbo (MHA); Carriker, 26-28, 30-31 Jan., 1-4, 6-13 Feb. 1950 (USNM, as "Nicolí").

NEGRA, SIERRA; La Guajira 1037/7254 (USBGN)
Spur on western side of Serranía de Valledupar [1035/7252 (USBGN)], the

northern part of Serranía de Perijá [1000/7300 (USBGN)] to E of Villanueva [1037/7259 (USBGN)] and Urumita [1034/7301 (USBGN)] (MHA); Carriker, in Sierra Negra, E of Fonseca [1054/7251 (USBGN)], 10 July 1941 (Wetmore, 1941:210).

NEGRITA, LA; see La Negrita.

NEGRITO, RÍO; Meta 0408/7258 (USBGN)
Tributary of Río Humea [0409/7258 (USBGN)] in llanos E and S of Villavicencio [0409/7337 (USBGN)] (MHA); Atlas, 1977, treats as Río "Negro"; Nicéforo, date ? (Nicéforo, 1945:374, as Río "Negro"; it is possible that this refers to the Río Negro [0403/7345 (USBGN)] flowing from mountains W of Villavicencio that is an affluent of the Río Guayuriba [0355/7305 (USBGN)]).

NEGRITOS, LOS; see Los Negritos.

NEGRO, CAÑO; Vaupés ca. 0105/7012
Small stream on edge of Sabanas del Cubigú [ca. 0100/7000 ?] branching off left side of Caño Cubigú [0102/7012 (USBGN)], ca. two hours by motorboat upstream from left bank of Río Vaupés [0002/6716 (USBGN)], Borrero and Bernal, various times between ca. 23 Apr.-early June 1961 (Olivares, 1964b:151-152); not to be confused with Caños Negros [ca. 0410/7335], Meta.

NEGRO, PUENTE; see Puente Negro.

NEGRO, RÍO 0308S/5955 (USBGN)
Major Brazilian river rising in eastern Guainía/southwestern Amazonas, Venezuela and flowing SE through northern Brazil to enter Amazon at Manaus [0308S/6000 (USBGN)]; Holt, Blake, and Agostini, at San Felipe [0155/6707 (USBGN)], across from San Carlos de Río Negro [0155/6704 (USBGN)], Venezuela, 29-30 Jan. 1931 (Friedmann, 1948:375, as, e.g., p. 404, "Colombia, bank of Río Negro"); Castro, whose specimens are labeled "Colombia, across from San Carlos, Venezuela," mid-Aug. to early Sept. 1947 (Dugand & Phelps, 1948:226).

NEGRO, RÍO; Arauca/Casanare 0608/7217 (USBGN)
Rises as Quebrada el Chusque [ca. 0614/7222 (IGAC [Arauca])] in Sierra Nevada del Cocuy [0625/7218 (USBGN)] on eastern slope of central Eastern Andes and within ca. 15 km merges with Río Casanare [0602/6951 (USBGN)], forming part of border between Casanare (formerly Boyacá) and Arauca (IGAC [Arauca]); Carriker, at 1,467 m, 26-31 Mar., 2-4, 6-7,

9-10, 30 Apr. 1917 (de Schauensee, 1947b:123; 1948a:315; Carriker, 1955:50ff; CM; ANSP, as "Río Negro, Boyacá"); Carriker (1955a:50ff) cites locality as in Boyacá (now in Casanare) which seems to indicate he was on southern side of river, perhaps at the town of Río Negro [ca. 0608/7217 (IGAC [Arauca])], which is at about the appropriate altitude.

NEGRO, RÍO; Boyacá (ASNP); see Negro, Río; Arauca/Casanare.

NEGRO, RÍO; Cundinamarca/Meta 0403/7345 (USBGN)
An affluent of Río Guayuriba [0355/7305 (USBGN)], rising on eastern slope of central Eastern Andes ca. 12 km W of Villavicencio [0409/7337 (USBGN)] and discharging in llanos SW of Villavicencio (MHA); Köster, on Villaviencio/Bogotá [0436/7405 (USBGN)] road at ca. 1,800 m, date ? (Köster, 1976:76-77, as "Río Begro").

NEGRO, RÍO; Meta (Nicéforo, 1945:374); see Negrito, Río.

NEGRO, RÍO; Santander 0713/7310 (USBGN)
Small river rising on western slope of northern Eastern Andes ca. 40 km N of Bucaramanga [0708/7309 (USBGN)] and joining Río Lebrija [0808/7347 (USBGN)] 11 km NNW of Bucaramanga (MHA); record of Borrero (1972b:399), collector ?, date ?, presumably refers to this Río Negro and not the one farther S at 0608/7308 (USBGN).

NEGROS, CAÑOS; see Caños Negros.

NEGUANGE (Todd & Carriker, 1922:119); see Nenguange.

NEGUANJE (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:114); see Nenguange.

NEIVA; Huila 0256/7518 (USBGN)
431 m, on right bank upper Río Magdalena [1106/7451 (USBGN)] (MHA); Miller, 12 Jan. 1944, 30 Jan. 1949 (Miller, 1947:358; 1952a:451); Nicéforo ?, date ? (Nicéforo, 1947:331); collector ?, nearby, date ? (Nicéforo, 1947:331); Marinkelle, 13 Mar. 1966 (UMMZ).

NEMOCÓN; Cundinamarca 0504/7353 (USBGN)
2,604 m, on northern Sabana de Bogotá, 15 km NE of Zipaquirá [0502/7400 (USBGN)] and 25 km WSW of Chocóntá [0509/7341 (USBGN)] (MHA); collector ?, Sept. 1943 (Iafrancesco, et al., 1988:109); collector ?, date ? (Nicéforo & Olivares, 1968:284).

- NENGUANGE; Magdalena 1120/7404 (USBGN)
Sea level, on Caribbean coast, 20 km NE of Santa Marta [1115/7413 (USBGN)] (MHA, as "Neguanje"); Smith, ca. 1898-99 (Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20:114, as "Neguanje"), with known date of 12 Nov. 1899 (CM); Edmondson, 8 Feb., 7 Apr., 5 May 1899 (CM); Todd & Carriker, 1922:119, as "Neguange" and "Nenguange"; de Schauensee, 1948a:314, as "Nahuange."
- NERCUA, RÍO; Chocó 0701/7730 (USBGN)
Short river in northwestern Chocó at headwaters of Río Truandó [0726/7707 (USBGN)], a tributary of Río Atrato [0817/7658 (USBGN)] (MHA); Schott, Wood, and Wood, 1858 (Cassin, 1860:132ff; Cassin, 1861:219ff).
- NEUSA, PÁRAMO DE; Cundinamarca ca. 0510/7357
3,400 m, Hilty and Robbins, Aug.-Sept. year ?, with specific date of 15 Sept. (Hilty & Brown, 1986:166, 656); although not indicated on our maps nor in USBGN or Dicc Geog., doubtless is in vicinity of Represa del Neusa [0510/7357 (USBGN)].
- NEUSA, REPRESA (Hilty & Brown, 1986:166); see Neusa, Represa del.
- NEUSA, REPRESA DEL; Cundinamarca 0510/7357 (USBGN)
ca. 3,000 m (Olivares, 1967:43); reservoir, 60 km NNE of Bogotá [0436/7405 (USBGN)], formed by damming Río Neusa [0504/7355 (USBGN)] (Atlas, 1977, as "Embalse del Neusa"); collector ?, date ? (Borrero & Hernández, 1958:255); Olivares ?, on river below reservoir, 1 Mar. 1965 (Olivares, 1967:43); Hilty & Robbins, 30 Aug. year ?, Gast, 8 Apr., 13 Sept. 1979, Gast and McKay, 28 Sept. 1979, Hilty, Sept. year ? (Hilty & Brown, 1986:166, 169, 520, 527, 538, 626, as "Represa Neusa").
- NEUSA, RÍO; Cundinamarca 0504/7355 (USBGN)
River which has been dammed to form Represa-del Neusa [0504/7355 (USBGN)], 60 km NNE of Bogotá [0436/7405 (USBGN)] (Atlas, 1977); collector ? [Olivares ?], at ca. 3,000 m, below reservoir, 1 Mar. 1965 (Olivares, 1967:43).
- NEVADA DE SANTA MARTA, SIERRA; Magdalena/Cesar 1050/7340 (USBGN)
5,800 m, isolated, snow-capped massif rising from Caribbean coastal plain (MHA); well-collected, particularly by Simons, Brown, Smith, and Carriker (for history see Todd & Carriker, 1922:21-49); frequently "Santa Marta" has been used for the mountain, as well as in a regional sense, or for the city and it is not possible to determine which was meant, except

when altitudes have been given (see, also, entry for Santa Marta); Joad, 1870 (Todd & Carriker, 1922:22); Simons, ca. Dec. 1878-July 1879, earlier dates seem to refer to city while later dates to mountain, up to 12,800 ft [3,900 m] (Salvin & Godman, 1880:114ff); Brown, 5, 8-9, 16, 18 Feb. 1898 (ANSP), July 1899 (FMNH); Carriker, 12, 19-22, 24-26, 31 Mar., 1-5 Apr. 1912 (CM), Jan.-May 1914, up to 5,300 m (Carriker, 1959b:219); Dunning, 8, 10 Jan. 1971 (ANSP); Serna and Piedrahita, 5 Mar. 1972 (Serna, 1980:89); Norton, on northeastern slope, at Donachui [1043/7328 (USBGN)], ca. 12 Jan.-6 Feb. 1974 (Norton, 1975:110); Romero and Bernal, on western side at Cuchilla Cebolleta [1055/7355 (USBGN)], probably mid-1970s (Romero, 1977a:2); Andrade, on Río Buritaca [1116/7346 (USBGN)], 1981 (Andrade, 1982); Ridgely, 22 Jan. 1983, Ridgely, W of mountains, 8 Feb. year ?, Hilty, at 2,400 m, 3 June year ? (Hilty & Brown, 1986:104, 126, 248); Pearman, on northern slope at ca. 2,100 m, 30 Jan. 1987 (Pearman, 1993:71); Olarte, at Pozo Humo [ca. 1015/7330 (Atlas, 1977, as "Pozo de Humo")] at ca. 1,400 m, early July 1993 (Olarte, 1994); Sclater, 1855b:134, as "Santa Martha;" see, also, entries under specific localities on the mountain, e.g., Cuchilla San Lorenzo, San Miguel, Rosario, etc.

NEVADA DEL COCUY, SIERRA; Boyacá/Arauca/Casanare 0625/7218
(USBGN)

North-south ridge reaching a maximum elevation of 5,493 m, with large area of permanent snow, on eastern side of central Eastern Andes (MHA); Romero, at La Cueva [0625/7221 (USBGN)] (which see), ca. 22 Dec. 1971-4 Jan. 1972 and at Lagunillas [0615/7238 (USBGN)] (which see), same period (Olivares, 1974b:39ff); Carriker, at Lagunillas, 13, 17 Mar. 1917 (Todd, 1919:115, 116).

NEW GRENADA; see Nueva Granada.

NICHI, RÍO (Sclater & Salvin, 1879:489); see Nechí, Río.

NICOCLÍ (USNM); see Necoclí.

NIEVES, LAS; see Las Nieves.

NIÑA, QUEBRADA LA; see La Niña, Quebrada.

NIÑA MARÍA, QUEBRADA; Caquetá 0117/7531 (USBGN)
Tributary to left bank of Río Orteguaza [0043/7516 (USBGN)], 15 km S of Montañita [0130/7528 (USBGN)] (MHA); collector ?, date ? (Nidéforo & Olivares, 1966:377).

NIÑO, PUERTO; see Puerto Niño.

NOANAMÁ; Chocó 0442/7656 (USBGN)
53 m (de Schauensee, 1948a:315); on Pacific coastal plain on Río San Juan [0403/7727 (USBGN)], ca. 30 km from western base of Western Andes, ca. 50 km from Pacific, and 62 km SSW from Istmina [0510/7639 (USBGN)] (MHA); Palmer, 22 Aug.-5 Sept., 17-22 Oct., 26 Nov. 1908, 4-16 Jan. 1909 (Hellmayr, 1911:1094ff; CU; MVZ); Miller and Allen, 29 Dec. 1911, 2 Jan. 1912 (Chapman, 1917:650).

NORCASIA; Caldas 0534/7453 (USBGN)
ca. 500 m, on lowermost slopes on eastern side of Central Andes, 38 km NW of La Dorada [0527/7440 (USBGN)] (Atlas, 1977); Stiles, ca. 1989-1992 (Stiles, 1995a:121).

NOROSÍ; Bolívar 0832/7402 (USBGN)
120 m, on lower middle Magdalena Valley on eastern side of northernmost extension of Central Andes, ca. 25 km WSW of La Gloria [0837/7348 (USBGN)] and the river (MHA); low, open forest, Carriker, 27-28 Feb., 1, 3-8, 10-15 Mar. 1947 (USNM).

NORTE DE SANTANDER, DEPARTAMENTO DE 0800/7300 (USBGN)
Northeastern Colombia on Venezuela border, embracing northern end of northern extension of Eastern Andes, a small area of lowlands in Magdalena Valley, and a larger area of lowlands on eastern side; bordered by Cesar on W, by Santander on S and by Boyacá on SE; the major cities are Cúcuta [0754/7231 (USBGN)] in arid eastern lowlands and Pamplona [0723/7239 (USBGN)] high in mountains; Hilty and Hall, in eastern part, June 1980 (Hilty & Brown, 1986:105).

NOVILLERO, CERROS (LACMNH); see Novilleros, Cerro de.

NOVILLEROS, CERRO DE; Cundinamarca Not located
Collector ?, date ? (Olivares, 1969b:395); probably a hill near Novillero [0421/7424 (USBGN)], which is in southwestern Cundinamarca on western slope of Eastern Andes near Arbeláez [0417/7426 (USBGN)]; Arvey, 2 Feb. 1960 (LACMNH, as "Cerros Novillero"); correct name unknown.

NÓVITA; Chocó 0457/7634 (USBGN)
70 m, near mouth of valley of Río Tamaná [0500/7644 (USBGN)], a tributary of Río San Juan [0403/7727 (USBGN)], at western base of central Western Andes (MHA); Palmer, principally 7 Nov.-28 Dec. 1908, but scattered dates, some of which must be misprints, from 7 Nov. 1901 to 11

Dec. 1909 (Hellmayr, 1911:1084ff); Miller and Allen, 21-27 Dec. 1911 (Chapman, 1917:650); Lehmann and Borrero, at border between Chocó and Valle del Cauca on Cartago [0445/7555 (USBGN)] road, date ? (Dugand, 1942:75).

NUBES, LAS; see Las Nubes.

NUEVA GRANADA

Early name for region now including Colombia, Venezuela, Panama, and Ecuador; frequently cited as "New Granada."

NUEVO, PUERTO; see Puerto Nuevo.

NUEVO, RÍO (MHA); see Presidente, Río.

NUEVO PRESIDENTE, RÍO (Atlas, 1977); see Presidente, Río.

NUQUÍ; Chocó 0542/7717 (USBGN)
Sea level, at mouth of Río Nuquí [0541/7716 (USBGN)], in middle of Chocó coastline on Golfo de Tibugá [0545/7720 (USBGN)] (MHA); von Sneider, 13, 15 July, 14, 17, 19-24 Aug., 23 Oct. [?] 1940 (de Schauensee, 1950c:138; ANSP; Iafrancesco, et al., 1987:98, 112); Carriker, 20, 22-27, 29-31 Jan., 1-3, 5-6, 8-9 Feb., 1-3, 5-6 Mar. 1951 (USNM); see, also, Nuquí, Río.

NUQUÍ, RÍO; Chocó 0541/7716 (USBGN)
Short river rising in middle Cerros Cagucho [0550/7712 (USBGN)], of Serranía de Baudó [0600/7705 (USBGN)], near coast of central Chocó, and entering Pacific on Golfo de Tibugá [0545/7720 (USBGN)] at Nuquí [0542/7717 (USBGN)] (MHA); von Sneider "above Nuquí," 3,000-3,400 ft [900-1,050 m], date ? [1940 ?] (de Schauensee, 1946a:7); Carriker, ca. 10 mi [16 km] up river at base of hills, altitude ?, 12-25 Feb. 1951 (USNM); Nicéforo & Olivares, 1967:409, as "Nuquí"; see, also, Nuquí.

NUQUÍA (Nicéforo & Olivares, 1967:409); see Nuquí.

NUTIBARA; Antioquia ca. 0645/7615 (Atlas, 1977)
1,460 m (Cuadros, 1992:9); on western slope of northern Western Andes, 45 km NW of Medellín [0615/7535 (USBGN)] and 130 km NNE of Quibdó [0542/7640 (USBGN)] (Atlas, 1977); Weber and Toro, 4 Oct. 1992 (Cuadros, 1992:9, as "Cerro Nutibara"); Olarte, Betancur, and Cadavid, 9 Oct. 1993 (Cuadros, 1993b:26, as "Cerro Nutibara"); Olarte, Betancur, and

Cadavid, 8 Oct. 1994 (Marín, 1994:57, as "Cerro Nutibara"); Olarte, 8 or 9 Oct. 1995 (Marín, 1996, as "Cerro Nutibara").

NUTIBARA, CERRO (Cuadros, 1992:9); see Nutibara.

NUVES, LAS (MHA); see Las Nubes.

OALDAS (Todd, 1913:593); see Dagua.

OBANDO; Guainía (Olivares, 1969a:179); see Puerto Inírida.

OBANDO; Valle del Cauca 0435/7559 (USBGN)
933 m, on eastern side of upper Cauca Valley, 22 km SW of Cartago [0445/7555 (USBGN)] and 33 km W of Armenia [0431/7541 (USBGN)] (MHA); collector ?, between Zarzal [0424/7604 (USBGN)] and Obando, date ?, and between Orbano and Cartago, date ? (Borrero, 1972b:400).

OCA, MONTES DE; La Guajira 1100/7225 (USBGN)
100-600 m, in northern foothills at end of Serranía de Perijá [1000/7300 (USBGN)] on Colombia/Venezuela border (MHA); heavily wooded (de Schauensee, 1948a:313); Carriker, May (Dugand, 1948a:193) and 10, 14 June 1941 (Carriker, 1954:18); Carriker, S of Carraipía [1116/7222 (USBGN)], May ? (Dugand, 1948a:184) and at El Bosque [not located], 10, 14, 21 June 1941 (Wetmore, 1953:11; Wetmore & Phelps, 1943, *Journ. Washington Acad. Sci.*, 33:144).

OCAÑA; Norte de Santander 0815/7320 (USBGN)
1,200 m, on western side of northern Eastern Andes, but on eastern watershed of Sierra de Ocaña [0830/7330 (USBGN)] in valley of Río Algodonal [0814/7319 (USBGN)], an affluent of Río Catatumbo [0921/7145 (USBGN)] (MHA); bare and desolate, Wyatt, Jan. 1870 (Wyatt, 1871:119, 322); Carriker, 31 Aug., 2, 7-13 Sept. 1916 (CM); Carriker, from 3,600-5,900 ft [1,100-1,800 m], 9-11, 14-18, 21-25, 29-31 Oct., 1, 3-8 Nov. 1946 (USNM); Sclater & Salvin, 1871:841, as "Sierra Ocaña."

OCAÑA, SIERRA (Sclater & Salvin, 1871:841); see Ocaña.

OCASO, EL; see El Ocaso.

OCHO, El; see El Ocho.

OCOA (Lehmann, 1957:151); see Ocoa, Río.

OCOA, CAÑO (Borrero, 1960a:495); see Ocoa, Río.

OCOA, RÍO; Meta 0408/7315 (USBGN)
Rises in llanos SW of Villavicencio [0409/7337 (USBGN)] and joins Río Guatiquía [0411/7304 (USBGN)] 42 km E of Villavicencio (MHA); Lehmann, 25 Jan. 1942 (ANSP); Nicéforo, date ?, late Jan., 14 Feb. 1944 (Nicéforo, 1945:373ff); Nicéforo, 4 July 1944 (Serna, 1980:73); collector ?, 20 Dec. 1944 (Iafrancesco, 1988:116, as "Río Ocuá"); Nicéforo, 8, 24 Jan. 1945 (Nicéforo, 1947:332); Nicéforo, 20, 23 Jan., 4, 12, 15, 21 Feb., 7 Mar., 10 Apr. 1946 (Nicéforo, 1947:319ff; ANSP); collector ? [Nicéforo ?], Feb.-July 1946 (Renjifo, 1950:540ff, as "Ocoa" and once (p. 540) as "Zocoa"); Lehmann, 25 Feb. 1939, 27 Jan. 1942 (Lehmann, 1957:134, 151, as "Ocoa"); Idinael, 26 Dec. 1945, 10 Feb. 1946 (Nicéforo, 1947:337); Filiberto, 18, 24 Nov., 30 Dec. 1947, Jan. 1948 (Iafrancesco, et al., 1986:71; 1987:120, 141); Nicéforo, 22 Dec. 1947, 14, 16 Dec. 1949, 20 Feb., 3 Apr., 7, 11 June 1950, 4, 6, 14 Apr., 17 June 1953 (Serna, 1980:21, 53; Iafrancesco, et al., 1986:74; 1987:72, 101, 111; 1989:139); Idinael, near river and Villavicencio/Apiay [0405/7334 (USBGN)] road, Dec. 1942, Dec. 1944 (Nicéforo, 1945:381ff); Nicéforo, 15, 25 June 1953, 8 Dec. 1956 (Iafrancesco, et al., 1985:62; 1987:79, 103); Hendrickson, 23 Nov. 1964 (MVZ, as "Ocoa"); also various collectors at Quenane and Caño Quenane [both ca. 0406/7321 (USBGN)] (which see) on or near Río Ocoa; Borrero, 1960a:495, as "Caño Ocoa."

OCTAVIA, BAHÍA; Chocó 0651/7740 (USBGN)
Bay on Pacific coast of northwestern Chocó (MHA, as "Bahía Aguacate o Octavia"); Murphy and Correia, 7 Mar. 1941 (Dugand, 1947a:394); Northern, 13-14 Mar. 1957 (LACMNH); de Schauensee, 1952a:1126, as "Bahía de Aguacate."

OCTAVIA, ROCAS; Chocó 0647/7742 (USBGN)
Small, rocky islands in the Pacific ca. 7 km off Punta Marzo [0650/7742 (USBGN)], in Bahía Octavia [0651/7740 (USBGN)], northwestern Chocó (MHA); Murphy and Correia, 8 Mar., 18 May [Mar.] 1941 (Dugand, 1947a:383); de Schauensee, 1948a:316, as "Octavia Rocks".

OCTAVIA ROCKS (de Schauensee, 1948a:316); see Octavia, Rocas.

OCUA, RÍO (Iafrancesco, 1988:116); see Ocoa, Río.

OCULTA, LAGO LA; see La Lago, Oculta.

OLANDA, LA (de Schauensee, 1948a:304); see La Holanda.

OLAYA; Cauca 0202/7607 (USBGN)
ca. 500 m, on Pacific drainage in valley of upper Río Patía [0213/7840 (USBGN)], 2 km NE of Guadualito [0200/7710 (USBGN)] (Atlas, 1977); von Sneidern, at 720 m, 26 Sept. 1954 (von Sneidern, 1955:42); Ibarra, 24 June 1959, 17 Jan. 1960 (Lehmann, 1960a:256, 261, 274); Carriker, Apr., May (LSU), 26 Dec. 1960 (YPM), 18 Mar (LACMNH), 8 (WVZ), 18 Apr. (LACMNH), 12 June 1961 (YPM), 13 Oct. 1962 (LACMNH, as "Hacienda Olaya").

OLD PROVIDENCE (Bond & de Schauensee, 1944:10); see Providencia, Isla de.

OLD PROVIDENCE ISLAND (ANSP); see Providencia, Isla de.

OLGA, LA; see La Olga.

OLIN, LAGUNA (de Schauensee, 1948a:316); see Otún, Laguna.

ONACA; Magdalena 1111/7404 (USBGN)
680 m, in northern foothills of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], ca. 25 km ESE of Santa Marta [1115/7413 (USBGN)] (MHA); coffee finca on northwestern slope of La Horqueta [1109/7356 (USBGN)] (Todd & Carriker, 1922:119); Smith, ca. 28 Nov. 1898 - 21 Jan. 1899 (Allen, 1900a:130ff; 1900b:365), with known dates of 26, 28-30 Dec. 1898, 5-7 Jan. 1899, and also 5 Jan. 1900, 5, 7 Jan. 1901 (CM); Hull, 26-29 Dec. 1898, 2, 4 Jan. 1899 (CM); Phelps & Phelps, Jr., 1952, Proc. Biol. Soc. Washington, 65:90, as "Onaco."

ONACO (Phelps & Phelps, Jr., 1952:90); see Onaca.

ONZAGA; Santander 0621/7249 (USBGN)
2,034 m, in interior northern Eastern Andes, on western watershed at head of Río Onzaga [0633/7250 (USBGN)], below Páramo de Cruz Colorado [0617/7245 (USBGN)], 15 km W of Soatá [0620/7241 (USBGN)] and 40

km SSW of Málaga [0642/7244 (USBGN)] (MHA); collector ?, date ?
(Nicéforo & Olivares, 1976a:23); see, also, Alto de Onzaga.

ONZAGA, ALTO DE; see Alto de Onzaga.

OPÓN; Santander ca. 0658/7353
ca. 100 m (MHA); Chapman, Fuertes, et al., 27 Jan. 1913, while traveling
on Río Magdalena [1106/7451 (USBGN)], one day's sail below Puerto
Berrío [0629/7424 (USBGN)] (Chapman, 1917:650; CU); no town of this
name can be found on the Magdalena and it is assumed that the mouth of
the Río Opón [0658/7353 (USBGN)], a few km S of Barrancabermeja
[0703/7352 (USBGN)], was meant.

ORIHUECA; Magdalena 1051/7410 (USBGN)
30 m (de Schauensee, 1948a:316); at western base of Sierra Nevada de
Santa Marta [1050/7340 (USBGN)], 50 km S of Santa Marta [1115/7413
(USBGN)] (MHA, as "Arihueca"); Simons, 7-9 Mar. 1879 (Salvin &
Godman, 1880:121, 124, 176, as "Arihueca"); Darlington, intermittently
June 1928-Apr. 1929 (Darlington, 1931:349ff); de Schauensee, 1948a:284,
gives "Arehueca" as another misspelling.

ORINOCO, RÍO; Vichada 0837/6215 (USBGN)
Major river rising in southwestern Guiana Highlands in Venezuela/Brazil
and flowing W and then N and NE to enter Caribbean in eastern
Venezuela, forming eastern border of Vichada (Mapa, 1976).

ORO, RÍO DE; Santander 0710/7309 (USBGN)
Rises on western slope of northern Eastern Andes NE of Piedecuesta
[0659/7303 (USBGN)] and joins Río Lebrija [0808/7347 (USBGN)] near
Las Bocas [0713/7310 (USBGN)], 12 km NW of Bucaramanga [0708/7309
(USBGN)] (MHA); Wyatt, Feb. or Mar. 1870 (Wyatt, 1871:373).

OROCUÉ; Casanare 0448/7120 (USBGN)
ca. 200 m (MHA); in south-central Casanare on left bank of middle Río
Meta [0612/6728 (USBGN)], 30 km upstream from Vichada border and
130 km SE of El Yopal [0521/7223 (USBGN)] (MHA; Atlas, 1977);
collector ?, 21 Jan. 1968 (Olivares, 1974a:107).

ORQUETA, LA; see La Orqueta.

ORQUÍDEAS, PARQUE NACIONAL NATURAL, LAS; see Las Orquídeas,
Parque Nacional Natural.

- ORTEGA; Tolima 0356/7513 (USBGN)
 446 m, at eastern base of Central Andes in upper Magdalena Valley, 24 km W of Saldaña [0356/7501 (USBGN)] (MHA); Olivares, at Calabozo [ca. 0400/7513 ?], ca. 20 km N [?] of Ortega, two days between 21 Dec. 1953-7 Jan. 1954, mountainous, dense forest with some clearings (Olivares, 1957c:115, et seq., all records cited as "Ortega"); Isaza, in pass between Ortega and Río Cucuana [0357/7505 (USBGN), 7 Mar 1970 (Iafrancesco, et al., 1987:77).
- ORTEGUAZA, RÍO; Caquetá 0043/7516 (USBGN)
 Rises on eastern slope of southern Eastern Andes, flows S past Florencia [0136/7536 (USBGN)], to join Río Caquetá [0308S/6446 (USBGN)] 105 km SE of Florencia (MHA); Nicéforo, 16, 18 June, 25 July, 22, 25 Aug. 1951, 8 Oct. 1956 (Iafrancesco, et al., 1988:122, 131, 133, 134); collector ?, date ? (Dugand, 1951b:158); Willis, above Tres Esquinas [0043/7516 (USBGN)], 21 Apr. 1962 (Willis, 1988:138).
- OSCURO, RÍO; Valle del Cauca ? Not located
 In Western Andes, Batty, at 3,000 ft [900 m], 2 Apr., June 1898 (Hellmayr, 1911:1095; MCZ); source of birds from western slope of Western Andes (de Schauensee, 1948a:316); see San Juan [de] Oscuro.
- OSPINA; see La Chorrera.
- OSPINA, PUENTE; see Puente Ospina.
- OTOÑO, EL; see El Otoño.
- OTÚN, LAGUNA; Caldas (ANSP); see Otún, Laguna; Risaralda.
- OTÚN, LAGUNA; Risaralda 0447/7526 (USBGN)
 3,800 m (de Schauensee, 1948a:316, as "Laguna de Otún"); 3,950 m (Uribe, 1982:4, as "Laguna del Otún"); 2 km W of summit of Nevado de Santa Isabel [0447/7524 (USBGN)] in Central Andes (MHA); von Sneider, 9 May 1942 (FMNH; ANSP, as "Laguna Otún, Caldas"); Giraldo, Aug. 1985 (Graves & Giraldo, 1987:89, as "Laguna de Otún"); Uribe, 2 Feb. 1983 (Uribe, 1982:4); Fernández and Márquez, ca. 16 Oct. 1988 (Anonymous, 1988, as "Laguna del Otún"); Borrero, 1958:138, as "Laguna del Otún"; de Schauensee, 1948a:316, lists the misspelling "Laguna Olin."
- OTÚN, LAGUNA DE (de Schauensee, 1948a:316); see Otún, Laguna.
- OTÚN, LAGUNA DEL (Borrero, 1958:138); see Otún, Laguna.

OVEJERA, RÍO; Huila 0157/7629 (USBGN)
Rises on eastern slope of Central Andes, a headwater of Río Magdalena [1106/7451 (USBGN)] in district of San Agustín [0155/7620 (USBGN)], Hershkovitz, at ca. 2,400 m, 2 km above San Antonio [0157/7629 (USBGN)] Oct. 1951 (Blake, 1955:21; FMNH); does not appear on our maps; Nicéforo & Olivares, 1965:42, as "Río Ovejeras."

OVEJERAS, RÍO (Nicéforo & Olivares, 1965:42); see Ovejera, Río.

PACHANQUIARÓ (Iafrancesco, et al., 1988:139); see Pachaquiario.

PACHAQUIARO; Meta 0403/7309 (USBGN)
ca. 200 m, in llanos on left bank of Río Negrito [0408/7258 (USBGN)], 55 km ESE of Villavicencio [0409/7337 (USBGN)] (MHA); Dugand, Jan. 1942 (Dugand, 1948a:161); Idinael, 28 Dec. 1944, 20-21, 23 Dec. 1945 (Nicéforo, 1945:385; 1947:318, 329; Iafrancesco, 1988:140); collector ?, 4, 12 Jan. 1945 (Nicéforo, 1947:342ff); Esteban, 21 May 1945 (Iafrancesco, et al., 1989:148, as "Pachiaquiaró"); Filiberto, 20 Dec. 1946 (Iafrancesco, et al., 1988:139, as "Pachanquiaró"); collector ?, 13, 19 Oct. 1968 (Olivares, 1974a:82, 86); Nicéforo and Filberto, 1969 (Serna, 1980:26); Nicéforo & Olivares, 1964:15, as "Pechaquiario."

PACHIAQUIARÓ (Iafrancesco, et al., 1989:148); see Pachaquiario.

PACHO; Cundinamarca 0508/7410 (USBGN)
1,859 m, high on western slope of central Eastern Andes, 35 km NW of Zipaquirá [0502/7400 (USBGN)] and 60 km NNW of Bogotá [0436/7405 (USBGN)] (MHA); Nicéforo ?, 2 Dec. 1917 (MCZ).

PACOA, CAÑO (Mapa, 1976); see Pacoa, Río.

PACOA, RÍO; Vaupés ca. 0007/7113 (Dugand, 1952:2)
Small tributary on left bank of Río Apaporis [0123S/6925 (USBGN)] (Dugand, 1952:2); enters the Apaporis 40 km NW of Esperanza [ca.

0000/7102 (Mapa, 1976)] in south-central Vaupés (Mapa, 1976; Atlas, 1977, both as "Caño Pacoa"); Medem, at confluence, early 1952 (Dugand, 1952:2).

PÁCORA; Caldas 0531/7527 (USBGN)
1,840 m, on western slope of Central Andes, 12 km NNE of Salamina [0525/7529 (USBGN)] and 28 km SW of Sonsón [0524/7518 (USBGN)] (MHA); Isaza, 12 Jan. 1968 (Serna, 1980:60).

PADILLA, CHORRO DE (Nicéforo, 1940:319); see Bogotá.

PÁEZ; Boyacá 0505/7303 (USBGN)
ca. 1,000 m, on eastern slope of central Eastern Andes, between Río Lengupá [0449/7304 (USBGN)] and Río Upía [0418/7245 (USBGN)], 20 km SE of Miraflores [0512/7312 (USBGN)] (MHA); subtropical, cultivated, dense vegetation, Bernal, Apr., Dec. 1960, Jan., Dec. 1961, 4, 6 Jan. 1962 (Olivares, 1963a:91ff; 1974a:77, 103).

PAILA, LA; see La Paila.

PAILLON, EL (Simon & Dalmas, 1901:216); see Pailón, Estero.

PAILÓN (de Schauensee, 1948a:317); see Pailón, Estero.

PAILÓN, ESTERO; Valle del Cauca ca. 0353/7704 (Mapa, Valle, 1973)
Small, short channel on southern side of Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); de Schauensee (1948a:317) indicates that "El Paillon" of Chapman (1917:645) [and of Simon & Dalmas. 1901:216] is "Pailón" and is located "11 km east of Buenaventura, in the humid forest of the lower Río Dagua [0347/7646 (USBGN)]," but he cites no source for this information and we can find none; Chapman, 1917:645, states "El Paillon" is "several hours' journey up the Dagua" citing Hellmayr [presumably 1911] as authority; we cannot locate this statement; no "El Paillon" can be found on our maps, but there is an Estero Pailón on Mapa, Valle, 1973 which, being close to Buenaventura and at mouth of the Dagua, seems very likely to be site in question; André, 6, 9 May 1899 (Dalmas, 1901:36; Hellmayr, 1911:1164).

PAIME; Cundinamarca 0522/7410 (USBGN)
1,038 m, on western slope of central Eastern Andes, 20 km SSW of Muzo [0532/7406 (USBGN)] and 87 km NNW of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:317).

PAIPA; Boyacá 0547/7307 (USBGN)
2,677 m, within interior middle Eastern Andes, 12 km WSW of Duitama
[0550/7302 (USBGN)] and 24 km WNW of Sogamoso [0543/7256
(USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1966:385).

PAJAR, EL; see El Pajar.

PÁJARO (Serna, 1984:19); see El Pájaro.

PÁJARO, EL; see El Pájaro.

PALACÉ (de Schauensee, 1955a:1133); see Palacé, Río.

PALACÉ, RÍO; Cauca 0234/7645 (USBGN)
Short river rising on western slope of southern Central Andes NE of
Popayán [0227/7636 (USBGN)] and meeting Río Cauca [0854/7428
(USBGN)] 23 km NW of Popayán (MHA); de Schauensee, 1955a:1133,
lists, as "Palacé," without collector or date.

PALACIO, PÁRAMO DE; Cundinamarca Not located
In vicinity of Bogotá [0436/7405 (USBGN)], collector ?, date ? (Borrero,
1960b:238); possibly this is the height, at 1,200 m, in the Eastern Andes
between Sasima [0458/7426 (USBGN)] on W and Villeta [0501/7428
(USBGN)] on E (Dicc. Geog.); Arvey, 12 Feb. 1960 (LACMNH).

PALAMINA (MCZ); see Palomino.

PALANQUERO; Cundinamarca 0529/7440 (USBGN)
174 m, northwestern Cundinamarca on right bank of Río Magdalena
[1106/7451 (USBGN)], just below La Dorada [0527/7440 (USBGN)]
(MHA); Arvey, 21 Dec. 1959 (LACMNH).

PALATERA (de Schauensee, 1955a:1133); see Paletará.

PALENQUE; Magdalena ca. 1114/7409
150 ft [40 m], in lowlands NW of Sierra Nevada de Santa Marta
[1050/7340 (USBGN)], midway between Mamatoco [1114/7410 (USBGN)]
and Bonda [1114/7408 (USBGN)], dry forest, clearings, Smith, 5, 26 Mar.
1899 (Todd & Carriker, 1922:120: CM); not shown on our maps.

PALERMO; Antioquia 0544/7542 (USBGN)
ca. 1,000 m, on eastern slope of central Western Andes, 15 km NNW of
Valparaíso [0538/7537 (USBGN)], on Río Cartama [0546/7539 (USBGN)]

(Atlas, 1977); collector ?, 2 Apr. 1965, 19 Apr. 1966, 3, 6 Jan. 1967, 12 Apr. 1969, 7 May 1970, 16, 18 Oct. 1971, 17-18 Mar., 17 June 1973, 18 Mar. 1979, Serna, 3, 7 July 1967, 16 Jan., 14-16, 18 Oct. 1971, 18 Feb., 18 Mar. 1973, 15 Jan. 1974, 18 Oct. 1978, 10 Feb., 10 Nov. 1979, Serna and Isaza, 13 Apr. 1969, Isaza, 3, 13 Apr. 1969 (Serna, 1980:5, 10, 24, 28, 34, 36, 43-44, 46, 51, 62, 65, 69, 72, 76, 78-79, 90, 99; Iafrancesco, et al., 1988:127).

PALESTINA; Bolívar Not located
Collector ?, between Palestina and La Gloria [0837/7348 (USBGN)], Cesar (Borrero, 1972b:398).

PALESTINA; Caldas 0501/7538 (USBGN)
ca. 1,500 m, in middle Cauca Valley close to western foothills of Central Andes, 4 km NNW of Chinchiná [0458/7536 (USBGN)] and 14 km SW of Manizales [0505/7532 (USBGN)] (MHA); Borrero, Dec. 1949 (Borrero, 1952a:10); collector ?, at 1,800 m, 6 Jan. year ? (Dugand, 1948a:168, 186); collector ?, 30 Dec. 1946 (Olivares, 1957b:71).

PALESTINA; Chocó 0409/7704 (USBGN)
5 m (de Schauensee, 1948a:317); on lower Río San Juan [0403/7727 (USBGN)], on Chocó/Valle del Cauca border, 52 km from Pacific (MHA); listed by de Schauensee (1948a:317) without collector or date.

PALESTINA; Huila 0145/7604 (USBGN)
ca. 1,300 m (MHA); in extreme upper Magdalena Valley, 8 km SSW of Pitalito [0151/7602 (USBGN)] (Atlas, 1977); Lehmann, May 1961 (Lehmann, 1961:525).

PALETARÁ; Cauca 0210/7626 (USBGN)
2,700-3,600 m, on western slope of Central Andes, just below source of Río Cauca [0854/7428 (USBGN)] near border of Huila (de Schauensee, 1948a:317; IGAC [Cauca]); R. Lehmann, savannas S of Volcán Puracé [0221/7623 (USBGN)], at 3,000 m, 13 Feb. 1957 (Lehmann, 1957:127); von Sneider, 1, 4, 8 May 1939 (FMNH; ANSP, sometimes as "Paletera [sic]; Coconuco"), 8, 13 Feb., 2 Sept., 10 Oct. 1942 (YPM; UMMZ), 27, 29 Sept. 1953 (CM); Carriker, 28 Sept. 1952, 27-29 Sept. 1953 (YPM, as "Hacienda Paletará"); de Schauensee, 1955a:1133, cites "Palatera" as a misspelling; also see Coconuco.

PALETARÁ, HACIENDA (YPM); see Paletará.

PALMA, ISLA DE (Lehmann, 1957:126); see Palmas, Isla.

PALMA, ISLA LA (Mapa, Valle, 1973); see Palmas, Isla.

PALMA, LA; see La Palma.

PALMAR; Boyacá (de Schauensee, 1948a:317); see Palmar, Casanare.

PALMAR; Casanare 0610/7201 (de Schauensee, 1948a:317, as "Palmar, Boyacá")
500 m, ranch on southern side of upper Río Casanare [0602/6951 (USBGN)], on western edge of llanos (de Schauensee, 1948a:317); Carriker, 15-25, 29 Apr. 1917 (Carriker, 1954:15; 1955:50ff; Stone, 1922:84; CM; ANSP, as "Palmar, Boyacá"); de Schauensee, 1952a:1124, as "El Palmar."

PALMAR; Valle del Cauca ca. 0335/7640 (Mapa, Valle, 1973)
ca. 800 m (MHA); on Pacific slope of Western Andes in valley of Río Dagua [0352/7704 (USBGN)], ca. 10 km SSE of Dagua [0340/7641 (USBGN)] on railroad and road to Cali [0327/7631 (USBGN)] (Mapa, Valle, 1973); Palmer, 15-16 June 1908 (MCZ); although cited as a Palmer locality by Hellmayr (1911:1086), he gives no records.

PALMAR DE CANDELARIA; Atlántico 1040/7509 (USBGN)
80 m (de Schauensee, 1948a:317); on coastal plain in northwestern Atlántico, 5 km NE of Luruaco [1037/7510 (USBGN)] and 8 km NE of Santa Cruz [1035/7513 (USBGN)] (MHA); Giacometto and Dugand, 7 Aug. 1938 (Dugand, 1947c:530, 543).

PALMAR DE VARELA; Atlántico 1045/7445 (USBGN) 7 m
(de Schauensee, 1948a:317); on western bank of lower Río Magdalena [1104/7451 (USBGN)], 31 km S of Barranquilla [1059/7448 (USBGN)], a suburb of Santo Tomás [1045/7445 (USBGN)], which see (MHA); arid, Dugand and Giacometto, Dec. 1937 and Dugand, Aug. 1943, Jan. 1946 (Dugand, 1947c:529, 543, 558, 566); collector ?, 16, 18 Apr. 1938 (Dugand, 1945b:397); Lehmann, 6 May 1941 (Lehmann, 1960a:259); von Sneidern, May 1941 (FMNH, sometimes as "El Palmar de Varela"); Lehmann, 1941 (Dugand, 1941a:55); collector ?, "Sept. 1941" (Dugand, 1948a:163); Dugand, 30 Dec. 1951 (de Schauensee, 1952a:1144); various times, 1953 (Dugand, 1954:3); collector ?, date ? (Borrero, 1972b:398); Dugand, date ? (Dugand, 1943a:193); Dugand, between Palmar de Varela and Pondera [038/7445 (USBGN)], date ? (Dugand, 1943b:201); collector ?, between Palmar de Varela, Ciénaga [1101/7415 (USBGN)], and Fundación [1031/7411 (USBGN)], date ? (Borrero, 1970b:702).

PALMAS; Santander 0625/7318 (USBGN)
ca. 1,200 m, 8 km SSW of Socorro [0629/7316 (USBGN)] in valley of Río Suárez [0646/7312 (USBGN)], on western slope of northern Eastern Andes (MHA, as "Palmas del Socorro"); Nicéforo, date ? (Nicéforo, 1945:390, as "Las Palmas").

PALMAS, ISLA; Valle del Cauca 0354/7721 (USBGN)
Sea level, small island at mouth of Bahía de Málaga [0355/7720 (USBGN)], just N of Bahía de Buenaventura [0348/7717 (USBGN)] (MHA, as "Isla de las Palmas"; Mapa, Valle, 1973, as "Isla la Palma"); Lehmann, Feb. 1957 (Lehmann, 1957:126).

PALMAS, ISLAS DE LAS (MHA); see Palmas, Isla.

PALMAS, LAS; see Palmas.

PALMAS DEL SOCORRO (MHA); see Palmas.

PALMASECA; Valle del Cauca 0331/7627 (USBGN)
ca. 1,000 m, in upper Cauca Valley, 18 km WSW of Palmira [0332/7616 (USBGN)] and 5 km E of Río Cauca [0854/7428 (USBGN)] (Atlas, 1977); Lehmann, Aug. 1959, Apr. 1960 (Lehmann, 1960a:257, 261).

PALMICHALES, LOS (Dugand, 1939:529); see Arroyo de Piedras.

PALMIRA; Sucre 0943/7525 (USBGN)
ca. 100 m, on coastal plain 12 km ESE of San Onofre [0944/7532 (USBGN)] at western base of Serranía de San Jacinto [0940/7520 (USBGN)], a part of Montañas de María [0940/7515 (USBGN)] which in turn is the northern part of Serranía de San Jerónimo [0800/7550 (USBGN)] (Atlas, 1977; MHA); Beattie, 1961 (Haffer, 1964, addendum to 1961:398).

PALMIRA; Valle del Cauca 0332/7616 (USBGN)
1,066 m, on eastern side of upper Cauca Valley, near base of Central Andes, near Río Bolo [0332/7628 (USBGN)], 25 km NE of Cali [0327/7631 (USBGN)] (MHA); Fuertes, 11-15, 18-19, 21-23, 25-28, 30 Apr., 5, 14 May 1911 (CU); collector ?, 3 Feb. 1962 (WFVZ); Marinkelle, 12 Nov. 1966, nearby, 10 Dec. 1967 (UMMZ); Furniss, Feb.-Mar. 1975 (FMNH); collector ?, date ? (Borrero, 1970b:702); White, 15 Oct. 1989 (Anonymous, 1990c); Chapman and Richardson, in Andes E of Palmira [= Miraflores (de Schauensee, 1952a:1130), which see], 29 Apr. 1911 (Chapman, 1924b:14); Borrero, between Palmira and Cali, 21 Jan. 1965

(Borrero, 1968b:29); Ramakka and Ramakka, nearby, ca. 1 May 1973 - 30 Apr. 1974 (Ramakka & Ramakka, 1979:534); Ospina, 24 Oct. 1995 (SAO).

PALMITA, LA; see La Palmita.

PALO, Río; Valle del Cauca 0316/7628 (USBGN)
Rises on western slope of middle Central Andes and flows NW to Río Cauca [0854/7428 (USBGN)], 24 km S of Cali [0327/7631 (USBGN)] (MHA); Batty, Aug. 1898 (MCZ); Borrero ?, at 2,000 m, early Aug. 1968 (Borrero, 1968b:28).

PALO DE LECHE; Cauca 0159/7708 (USBGN)
600 m, on Río Patía [0213/7840 (USBGN)], collector ?, date ? (Olivares, 1957b:88); not on our maps, but coordinates indicate very close to La Manguita [Galindez, 0156/7708 (USBGN)] in upper Patía valley.

PALO GORDO; Norte de Santander 0740/7231 (USBGN)
ca. 1,400 m, 25 km S of Cúcuta [0754/7231 (USBGN)] in valley of Río Táchira [0755/7225 (USBGN)] (de Schauensee, 1948a:317, as "Palogordo"); coffee plantation, heavy forest above 5,500 ft [1,700 m], Carriker, in vicinity, 12-24 Nov. 1947 (USNM); Dugand, 1948a:188, as "Palogordo."

PALOGORDO (Dugand, 1948a:188); see Palo Gordo.

PALO HUECO; Cundinamarca ca. 0506/7410
7,250 ft [2,200 m], near Pacho [0508/7410 (USBGN)] on western slope of central Eastern Andes, forested [1913], González, Apr. 1913 (Chapman, 1917:650; FMNH); not shown on our maps but presumably on road S of, and above, Pacho.

PALOMINA (Bangs, 1898c:171); see Palomino.

PALOMINO; Magdalena 1102/7339 (USBGN)
ca. 600 m (erroneously given as 5,000 ft [1,550 m] by Bangs, 1898c), on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] on Río Palomino [1116/7334 (USBGN)] (IGAC [Mag.]); Brown and an Indian collector, 1, 3, 5-7, 9-10, 12, 14-19, 21-23, 25, 27 May, 1, 5, 10-11, 19, 21-22, 24 June, 22, 25, 27 July, 3 Aug. 1898 (Bangs, 1898c:171ff, as "Palomina"; Todd & Carriker, 1922:120, as "Palomina"; MCZ, as "Palamina"; UMMZ, as "Palomina"); Chapman, 1917:650, as "Palomina."

PALOMOS; see Fredonia.

- PALO NEGRO; Norte de Santander** Not located
ca. 600 m, on right side of Quebrada la China [ca. 0815/7230 (Atlas, 1977)] a tributary of the Río Guarumito [0819/7222 (USBGN)], on Colombia/Venezuelan border (Nicéforo, 1955b:180; Atlas, 1977); subtropical, collector ?, date ? (Nicéforo, 1955b:180, 181).
- PALO NEGRO; Santander** Not located
1,200-1,300 m, Carriker, 21, 25 Nov. 1960, May, 21 Aug., 12 Oct. 1961, 12 Oct., 22 Nov., 1 Dec. 1962, 23 Apr., 10 Nov. 1963, 2, 7 Apr., 19 May, 10 June, 8-9 July, 5 Nov. 1964, 24, 26 Feb. 1965 (FMNH; WFVZ; YPM; LACMNH; LSU; MVZ); Carriker, 10 June 1964, 25 Feb. 1965 (MVZ); probably near Lebrija [0707/7313 (USBGN)], on western slope of northern Eastern Andes, where Carriker collected at about same time.
- PALOTE, LAGUNA DE; Meta** Not located
Presumably near Villavicencio [0409/7337 (USBGN)]; collector ?, Jan. 1923 (Nicéforo, 1923:321, as "Laguna de Palote (Villavicencio)").
- PALO VERDE; Cauca** ca. 0206/7705
Alt. ?; on Pacific drainage in upper valley of Río Patía [0212/7840 (USBGN)] in municipio of El Bordo [= municipio of Patía, 0206/7705 (USBGN)], Lehmann, Aug. 1936 (Lehmann, 1945:112-113); not on our maps.
- PAMPLONA; Norte de Santander** 0723/7239 (USBGN)
2,340 m, near head of Río Pamplonita [0820/7221 (USBGN)] on eastern flank of northern Eastern Andes (MHA); Wyatt, to SW of Pamplona, W of Mutiscual [0718/7245 (USBGN)], on and below "páramo of Pamplona" [Páramo de Santurbán, 0715/7252 (USBGN)], Feb. 1870 (Wyatt, 1871:127-128, 320, 330); Nicéforo, 22 Nov. 1937, 25 May, 2, 5 July 1938 (ANSP), 17 May 1940 (Serna, 1980:69), 1 July 1948, and in vicinity 30 Aug. 1940, 19 June 1949, 17 Aug., 4, 20 Nov. 1950, Filiberto, 4 Nov. 1950 (Iafrancesco, et al., 1986:44, 62; 1987:139; 1988:106); von Sneider, at 4,800 ft [1,475 m], 23 Oct. 1944 (Conover, 1945:1); Carriker, in vicinity and from 8,000-11,300 ft [2,450-3,500 m], 22-23, 25-28, 30 Aug., 1 Sept. 1943 (USNM), at 2,800 m, 29 Sept. 1961 (YPM; LACMNH); Nicéforo, in vicinity, ca. 1944 (Nicéforo, 1947:376); von Sneider, 3 Feb. 1945 (ANSP); Nicéforo, at Capitán Rubiano [not located, but presumably in vicinity of Pamplona or Páramo de Santurbán], June 1948 (FMNH); Nicéforo, various periods from 1948-1950, with known specific dates of 28 Apr. (Iafrancesco, et al., 1988:106), 17 June 1949 (ANSP), 1 Sept. 1950 (Nicéforo, 1967:1-6; Serna, 1980:93); Nicéforo, at "heights of Pamplona," 9 Aug. 1949, de la Salle, at "heights of Pamplona," 31 Aug. 1950

(Iafrancesco, et al., 1987:137; 1988:117); Hilty, Aug. 1979 (Hilty & Brown, 1986:274, 617); Nicéforo, at Km 115 on Bucaramanga [0708/7309 (USBGN)]/Pamplona highway, 6 June 1948 and on same highway, where ?, 6 June 1949 (Serna, 1980:49, 74), Iafrancesco, et al. (1988:117), place at Km 15.

PAMPLONA, PÁRAMO OF (Wyatt, 1870:127-128); see Santurbán, Páramo de.

PAMPLONITA; Norte de Santander 0727/7238 (USBGN)
ca. 1,700 m (IGAC [N. de Santander]); the 200 m given by de Schauensee, (1952:1133) is certainly an error; on eastern drainage of northern Eastern Andes on upper Río Pamplonita [0820/7221 (USBGN)], 7 km N of Pamplona [0723/7239 (USBGN)] (MHA); listed by de Schauensee, (1952a:1133) without collector or date; Nicéforo, 20 Dec. 1947 (Serna, 1980:47).

PAMPLONITA, RÍO; Norte de Santander 0820/7221 (USBGN)
Rises near Pamplona [0723/7239 (USBGN)] on eastern slope of northern Eastern Andes and flows N past Cúcuta [0754/7231 (USBGN)] to join Río Zulia [0904/7218 (USBGN)] near Venezuelan border (MHA); Nicéforo, 30 km S of Cúcuta, 22 October 1940 (Nicéforo, 1945:392; Nicéforo & Olivares, 1965:52).

PANAMÁ; Cundinamarca ca. 0510/7413
2,100-2,200 m, ridge ca. 6 km W of Pacho [0508/7410 (USBGN)] on western slope of central Eastern Andes below NW rim of Sabana de Bogotá (de Schauensee, 1948a:318, as both "Panamá" and "Serranía de Panamá"); González, Apr. 1913 (FMNH).

PANAMÁ, SERRANÍA DE (de Schauensee, 1948a:318); see Panamá.

PAN AZÚCAR (Schuchmann, 1978:115); see Pan de Azúcar Miraflores, Cerro.

PANCE; Valle del Cauca 0320/7638 (USBGN)
1,030 m (Borrero, 1973:69); ca. 15 km SW of Cali [0327/7631 (USBGN)] on lower eastern slopes of western Andes (Atlas, 1977); Borrero, Jan. 1971-Jan. 1972 (Borrero, 1973:69); collector ? [Borrero ?], date ? (Borrero, 1972b:400); Carriker, 23 Sept. 1962, collector ?, 14 Oct 1975 (YPM); Arvey, 12-13 Oct. 1971, 18, 23 Feb. 1972 (LACMNH); collector ?, date ? (Cantillo, 1983:72); Bailey and Hilty, date ? (Hilty & Brown, 1986:244).

- PANCE, RÍO; Valle del Cauca 0321/7637 (USBGN)
Tributary of upper Río Cauca [0854/7428 (USBGN)], originating in Farallones de Cali [0322/7645 (USBGN)] a few km W and SW of Cali [0327/7631 (USBGN)] (MHA); Borrero, date ? (Hilty, 1977:45); Lehmann, at 1,200 m, 6 Aug. 1956 (MVZ), 29 Oct. 1959, 10 mi [16 km] S, 6 Aug. 1957 (WFVZ).
- PAN DE AZÚCAR; Antioquia Not located
ca. 2,000 m, hill in Central Andes E of Medellín [0615/7535 (USBGN)] (Dicc. Geog.); collector ?, 3 Mar. 1979 (Serna, 1980:31).
- PAN DE AZÚCAR, CUCHILLA (Mapa, Valle, 1973); see Pan de Azúcar Miraflores, Cerro.
- PAN DE AZÚCAR, PÁRAMO; Valle del Cauca Not located
ca. 3,500 m, in Central Andes between Buga [0354/7617 (USBGN)] and Genebra [0343/7616 (USBGN)] (Dicc. Geogr.); probably in vicinity of, or equivalent to, Cerro Pan de Azúcar Miraflores [0345/7558 (USBGN)], which see; Serna, at 3,100-3,600 m, 1 Nov. 1971, Serna and Cuervo, 1 Sept., 1 Oct. 1971 (Serna, 1980:17, 35, 103).
- PAN DE AZÚCAR MIRAFLORES, CERRO; Valle del Cauca 0345/7558 (USBGN)
ca. 3,500 m, large, relatively flat area on western side of Central Andes, 65 km NE of Cali [0327/7631 (USBGN)] (MHA and Atlas, 1977, both as "Alto de Pan de Azúcar"; Mapa, Valle, 1973, as "Cuchilla Pan de Azúcar"; Schuchmann, in páramo at 3,800 m, Mar. 1977 (Schuchmann, 1978:115, as "Pan Azúcar"); see Pan de Azúcar, Páramo.
- PANDI; Cundinamarca 0412/7430 (USBGN)
1,025 m (Dugand, 1948a:180); on western slope of central Eastern Andes, 5 km E of Icononzo [0411/7432 (USBGN)] and 25 km SSW of Fusagasugá [0421/7422 (USBGN)] (MHA); Goudot, 1826 (Palmer, 1918:240); collector ?, date ? (Dugand, 1948a:180); A. H. Miller, 24 Jan. 1949 (MVZ).
- PANQUITÁ; Cauca 0231/7627 (USBGN)
ca. 1,000 m, on western slope of southern Central Andes, 18 km NE of Popayán [0227/7636 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1967:407, as "Panquitá").
- PANTANO REDONDO; Cundinamarca 0503/7344 (USBGN)
ca. 2,600 m (MHA); although not shown on our maps, this is close to

Sesquilé [0503/7348 (USBGN)] and ca. 25 km E of Zipaquirá [0502/7400 (USBGN)], probably along highway; Borrero and Lumsden, 20 Mar. 1950 (Borrero, 1958:162); there is a dam at this locality (Borrero, 1958:162, as "Represa de Pantano Redondo").

PANTANO REDONDO, REPRESA DE (Borrero, 1958:162); see Pantano, Redondo.

PANUELA, LA (Chapman, 1917:648); see La Piñuela.

PAPAS, VALLE DE LAS; see Las Papas, Valle de.

PAPAYO, EL; see El Papayo.

PAPPAS, VALLE DE LAS (Chapman, 1917:656); see Las Papas, Valle de.

PARAÍSO, EL; see El Paraíso.

PARALLONES DE CALI (Simon & Dalmas, 1901:216); see Cali, Farallones de.

PARAMILLO (Chapman, 1915b:657); see Paramillo, Cerro.

PARAMILLO, CERRO; Antioquia 0704/7555 (USBGN)
3,960 m, mountain range above lower Cauca Valley in northern Western Andes (MHA); site of Parque Nacional Natural Paramillo [0737/7614 (WCMC)]; Miller and Boyle, ascending via Peque [0659/7551 (USBGN)] on southeastern slope, in temperate zone "island" at 12,500 ft [3,800 m], 24 Jan.-1 Feb. 1915 (Chapman, 1917:59, 650); Chapman, 1915b:657, as "Paramillo"; de Schauensee, 1948a:318, as "Nudo de Paramillo;" Serna, in park, at Antadó [0659/7615 (USBGN)], May 1989 (Serna, 1992a:16).

PARAMILLO, NUDO DE (de Schauensee, 1948a:318); see Paramillo, Cerro.

PÁRAMO; Santander 0625/7311 (USBGN)
ca. 1,500 m, located high above valley of Río Fonce [0631/7317 (USBGN)], 14 km SSW of San Gil [0633/7308 (USBGN)] on western slope of northern Eastern Andes (MHA); Nicéforo, 20 Nov. 1945 (Nicéforo, 1947:361).

PÁRAMO, EL; see El Páramo.

PAREDES, CIÉNAGA DE; Santander 0727/7347 (USBGN)
ca. 100 m, lake off right side of middle Río Magdalena [1106/7451

(USBGN)], 20 km NE of Puerto Wilches [0721/7354 (USBGN)] (MHA); Wyatt, mid-Mar. 1870 (1871:map, 130, 321, 323, 329, as "Lake Paturia"); de Schauensee, 1948a:318, as "Laguna de Paturia"; Borrero & Hernández, 1957:197, as "Ciénaga de Paturia."

PARIQUEBAR; Boyacá Not located
Collector ?, date ? (Borrero, 1972b:399).

PARQUE SANTANDER; Valle del Cauca; see Santander, Parque.

PASO, EL; see El Paso.

PASO DE LA BOLSA; Valle del Cauca 0312/7630 (USBGN)
980 m, on Río Cauca [0854/7428 (USBGN)] 20 mi [32 km] S of Navarro [0323/7628 (USBGN)], Miller, 18 Jan. 1959 (MVZ); not shown on available maps.

PASO DE LA TORRE; Valle del Cauca Not located
On Río Cauca [0854/7428 (USBGN)], Lehmann, 19 Sept. 1943 (Lehmann, 1957:127; Nicéforo & Olivares, 1965:49).

PASO DEL TIGRE; Valle del Cauca Not located
Sea level, apparently between Bahía de Málaga [0355/7720 (USBGN)] and Bahía de Buenaventura [0348/7717 (USBGN)], Borrero, 22 Jan. 1967 (Borrero, 1968c:38).

PASTO; Nariño 0113/7717 (USBGN)
2,594 m, in southern Colombia at juncture of Central and Western Andes on Pacific drainage (MHA); source of early trade skins although they probably were not collected here, thus similar to "Bogotá" specimens, F. K. Lehmann, east of Pasto, 1876 (de Schauensee, 1952a:1125); Hamilton and Goodfellow, nearby at ca. 9,000 ft [2,750 m], June 1898 ? (Goodfellow, 1901:305; Oberholser, 1902:331); F. C. Lehmann, 10 km N. 29 June 1958 (MVZ); Pazos, 10 July 1965 (MCZ); Brown, ca. 40 km W along Río Pasto [0128/7720 (USBGN)], at 2,500 m, Apr. 1968, June 1981, Hilty, S of Pasto, date ? (Hilty & Brown, 1986:248, 669).

PATÍA; Cauca 0204/7704 (USBGN)
642 m, in valley of upper Río Patía [0213/7840 (USBGN)], between the Western and Central Andes, 65 km SW of Popayán [0227/7636 (USBGN)] (MHA); von Sneider, 27, 30 June, 5 July 1945 (ANSP); Carriker, 12 Aug. 1953 (YPM); Wallace, 14 Jan., 4-5 Feb. 1956 (Wallace, 1958:178-179); A. H. Miller, 3 km NE, at 2,500 ft [750 m], 12, 20 Nov. 1958 (MVZ);

Acevedo, 18 Jan. 1962 (YPM); Marinkelle, 4 May 1970 (WVZ); also see Mojarras and Chargaiguaico, Quebrada.

PATÍA, RÍO; Cauca/Nariño 0213/7840 (USBGN)
Rises W of Popayán [0227/7636 (USBGN)] and E of Cerro Munchique [0232/7657 (USBGN)] and flows SW between Western and Central Andes to near their junction and then flows N and W through Western Andes to the Pacific; Goodfellow and Hamilton, May ? 1898 (Goodfellow, 1901:304), von Sneider, at 3,000 ft [900 m], date ? (Bond & de Schauensee, 1940:166) and, altitude ?, Aug.-Sept. 1938 (FMNH); von Sneider, altitude ?, 25 July, 9, 12, 14-15 Sept. 1938, 3 Feb., 6, 20, 24-25 July, 9, 12, 14 Sept. 1939 (ANSP); Bond and de Schauensee (loc. cit.) say records for Río Patía refer to arid northern section of valley near Popayán; Wallace, at town of Patía [0204/7704 (USBGN)], 14 Jan., 4-5 Feb. 1956 (Wallace, 1958:178-179); Carriker, Jan. (LSU), 3, 31 July (WVZ), Aug. (LSU) 1960, 28 Sept. 1961 (LACMNH), Jan. (LSU), 13 Oct. 1962 (WVZ); Haffer, in upper valley, Sept. 1964, Nov. 1965, Lehmann, in upper valley, Dec. 1965 (Haffer, 1986:534); Brown, in valley, Apr. 1968, June year ? (Hilty & Brown, 1986:358, 658); Negret, in upper valley between Potrerillos [not located] and La Barca [not located], June 1991 (Negret, 1992:45); Negret ?, in valley, Apr., July 1992 (Negret, 1997a:46; 1997c:88); see Mejía, et al., 1993

PATICO; Cauca 0222/7629 (USBGN)
Alt. ?; at head of Río Cauca [0854/7428 (USBGN)], on western slope of southern Central Andes, on western shoulder of Volcán de Puracé [0221/7623 (USBGN)], near Coconuco [0220/7628 (USBGN)]; does not appear on our maps; Negret and Acevedo, 12 May 1989 (Negret & Acevedo, 1990, as "Coconuco, Puente Patico, Río Cauca").

PATÍÑO, PUERTO; see Puerto Patiño.

PATIOS, LOS; see Los Patios.

PATUCA; Magdalena 1042/7412 (USBGN)
ca. 40 m, on coastal plain S of Ciénaga Grande de Santa Marta [1050/7425 (USBGN)], 7 km NW of Tucurín [039/7410 (USBGN)] and 8 km SW of Sevilla [1046/7409 (USBGN)] (IGAC [Mag.]); Darlington, intermittently, June 1928-Apr. 1929 (Darlington, 1931:382ff, as "Patuca Farm").

PATUCA FARM (Darlington, 1931:382); see Patuca.

- PATURIA; Santander** 0735/7350 (USBGN)
 ca. 100 m, on northwestern side of Ciénaga de Paredes [0727/7347 (USBGN)], 18 km E of middle Río Magdalena [1106/7451 (USBGN)] and ca. 20 km NE of Puerto Wilches [0721/7354 (USBGN)] (Atlas, 1977); Wyatt, mid-Mar. 1870 (Wyatt, 1871:324, 326, 328).
- PATURIA, CIÉNAGA DE** (Borrero & Hernández, 1957:197); see Paredes, Ciénaga de.
- PATURIA, LAGUNA DE** (de Schauensee, 1948a:318); see Paredes, Ciénaga de.
- PATURIA, LAKE** (Wyatt, 1871:130); see Paredes, Ciénaga de.
- PAUNA; Boyacá** 0539/7400 (USBGN)
 1,400 m, in western Boyacá, on western slope of Eastern Andes, 20 km WNW of Chiquinquirá [0537/7350 (USBGN)] (MHA); Marinkelle, 6, 8 Apr. 1964 (WFVZ; LACMNH).
- PAVARANDOCITO; Antioquia** 0716/7630 (USBGN)
 66 m, at western base of northernmost Western Andes at southern end of Serranía de Abibe [0750/7630 (USBGN)] on right bank of upper Río Sucio [0727/7707 (USBGN)] (MHA); Carriker, 30 Apr. 1950 (Carriker, 1957:164); Haffer, in forest opposite village, 1-3 km S of river, 2-5 Feb. 1965 (Haffer, 1975:74).
- PAVAS; Valle del Cauca** 0341/7635 (USBGN)
 4,400 ft [1,350 m], Palmer, nearby, 3 Feb.-4 Apr. 1908 (MCZ); on Pacific slope of Western Andes, on railway 27 km NNW of Cali [0327/7631 (USBGN)] (Mapa, Valle, 1973; MHA); Carriker, 23, 25 July 1918 (Carriker, 1955:61, as "Las Pavas"; CM); von Sneidern, 1936 ? (Lehmann, 1945:113); collector ?, date ? (Cantillo, 1983:72); Todd, 1916, Bull. Amer. Mus. Nat. Hist., 35:552, as "Mount Pavas."
- PAVAS, LAS** (Carriker, 1955:61); see Pavas.
- PAVAS, MOUNT** (Todd, 1916:552); see Pavas.
- PAVITAS** (Nicéforo, 1945:375); see Los Pavitos.
- PAVITOS** (Atlas, 1977); see Los Pavitos.
- PAVITOS, LOS**; see Los Pavitos.

PAX, CERRO; Nariño 0023/7726 (USBGN)
3,350 m, on eastern side of Andes in southeastern Nariño on Ecuador border (MHA); T. Mena, 13-30 Dec. 1950 (UMMZ; ANSP); Sueva, 30 Dec. 1950 (ANSP); Mena brothers, ca. 10,000 ft [3,050 m], subtropical and tropical [?] zones, 10, 17-30 July 1951 (de Schauensee, 1952b:1-3, 21; UMMZ; ANSP); the altitude given and life zones are in conflict and therefore 10,000 ft is, presumably, the maximum altitude attained.

PAX, CORDILLERA DE LA (ANSP); see La Paz, Cordillera de.

PAZ, CORDILLERA DE LA; see La Paz, Cordillera de.

PAZ, EL ALTO DE LA; see El Alto de la Paz.

PAZ, LA; see La Paz.

PEASBÍ, RÍO; Nariño 0057/7810 (USBGN)
Short affluent on right bank of Río San Juan [0111/7833 (USBGN)], on western slope and Ecuador border, with its mouth 5 km NW of San Juan [0054/7808 (USBGN)] (MHA, as "Río Perlasvi"); von Sneidern, at 4,800 ft [1,450 m], date ? (de Schauensee, 1945a:11, as "Río Perlasiví"); von Sneidern, at river and Mayasquer [0053/7804 (USBGN)], 19-20, 23, Feb. 1941 (UMMZ; ANSP); de Schauensee, 1944a:5, as "Perlasiví," which presumably refers to this river.

PECERÁ; Cauca Not located
Collector ?, date ? (Nicéforo & Olivares, 1966:382).

PECHAQUIARO (Nicéforo & Olivares, 1964:15); see Pachaquiario.

PEDREGOSA; Putumayo Not located
315 m, Lehmann, 7 Nov. 1958 (MVZ); presumably in the vicinity of Puerto Asís [0030/7631 (USBGN)], where Lehmann was earlier and later in the month.

PEDROPALO (Olivares, 1969b:209); see Pedropalo, Laguna de.

PEDRO PALO, LAGUNA (Fjeldså, 1993:227); see Pedropalo, Laguna de.

PEDRO PALO, LAGUNA DE (Nicéforo & Olivares, 1964:18); see Pedropalo, Laguna de.

PEDROPALO, LAGUNA DE; Cundinamarca ca. 0445/7424
2,010 m, 9 km N of Tena [0440/7424 (USBGN)] on western slope of central Eastern Andes (Dugand, 1948a:159); not shown on our maps; Tena is 10 km NE of La Mesa [0438/7428 (USBGN)] and 48 km W of Bogotá [0436/7405 (USBGN)] (MHA); Borrero, Dec. 1947 (Borrero, 1952a:7); collector ?, 4, 7, 23 July, 22 Aug. 1970 (WVZ); Ayala, Apr.-Sept. 1983 (Ayala, 1986:549, as "Laguna de Pedro Palo"); Fjeldsø, 15 Oct. 1981 (Fjeldsø, 1986; 1993:227, as "Laguna Pedro Palo"); presumably Olivares' (1969b:209) "Pedropalo" is this locality; Nicéforo & Olivares, 1964:18, as "Laguna de Pedro Palo."

PELIGRO; Boyacá Not located
In south-central Boyacá, on road to Rondón [0520/7315 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1965:39, as "Boyacá: Peligro (Rondón)"; Nicéforo & Olivares, 1968:287, as "Peligro, carretera de Rondón"); in municipio of Rondón [0525/7310 (USBGN)], Gabriel, 6 Dec. 1963 (Iafrancesco, et al., 1986:66, as "Boyacá, Municipio de Rondón, Peligro").

PEÑA, LA; see La Peña.

PEÑA BLANCA; Boyacá ? ca. 0633/7230 ? (de Schauensee, 1948a:319)
2,800 m, on western slope of Eastern Andes, a valley SW of Chiscas [0633/7229 (USBGN)], northern Boyacá, near border of Santander (de Schauensee, 1948a:319); not shown on our maps; Carriker, 24-28 Feb., 1-3, 5-6 Mar. 1917 (WVZ, as Peña Blanca, Santander"; Todd, 1919:113, as "Peña Blanca, Santander"; CM, as "Peña Blanca, Santander"); see El Cardón for discussion of probable error in coordinates for Peña Blanca.

PEÑA BLANCA; Cauca Not located
2,900 m, on western slope of Central Andes, E of Popayán [0227/7636 (USBGN)], Lehmann, 10 Aug. 1938 (Lehmann, 1946:218, as "Penablañca"); Lehmann, 2,800 m, July 1936, Aug. 1937 (Lehmann, 1944b:410); Lehmann, 5 June 1944 (Lehmann & Haffer, 1960:249); Lehmann, 1957:139, as "Peñas-blancas").

PEÑABLANCA; Cauca (Lehmann, 1946:218); see Peña Blanca, Cauca.

PEÑA BLANCA; Santander (Todd, 1919:113); see Peña Blanca, Boyacá ?.

PEÑA NEGRA; Boyacá Not located
ca. 3,600 m, in valley near crest of Eastern Andes on Páramo de Rechiniga [0616/7223 (USBGN)] on western slope on trail from El Cocuy [0625/7227

(USBGN)] to Chinivaque [0609/7220 (USBGN)] on the other slope (de Schauensee, 1948a:319); Carriker, date ? (Todd, 1942, Ann. Carnegie Mus., 29:366).

PEÑAS-BLANCAS; Cauca (Lehmann, 1957:139); see Peña Blanca, Cauca.

PEÑAS BLANCAS; Valle del Cauca ca. 0327/7643 (Mapa, Valle, 1973)
2,000 m (Schuchmann, et al., 1989:24); in Farallones de Cali [0322/7645 (USBGN)], on Río Pichindé [ca. 0328/7635 (Mapa, Valle, 1973)], 28 km W of Cali [0327/7631 (USBGN)] (Mapa, Valle, 1973); Stevens, 20 Feb. 1957 (YPM); Benalcázar and Benalcázar, Apr. 1977-July 1978 (Benalcázar & Benalcázar, 1984); various observers, 26 Apr. 1981 (Murcia, 1981a:3); Schuchmann, et al., nearby on Río Pichindé at 1,700 m, March 1988 (Schuchmann, et al., 1989:24).

PENDALES (Atlas, 1977); see Los Pendales.

PENDALES, LOS; see Los Pendales.

PENDERISCO, Río; Antioquia 0636/7624 (USBGN)
A major river rising on western side of northern Western Andes and when joined by Río Chaquenodá [0636/7624 (USBGN)] in the lowlands becoming Río Murri [0633/7652 (USBGN)] (Atlas, 1977); Echeverri, at confluence with Río Chaquenodá, at 300 m, date ? (Echeverri, 1986:152).

PEÑITAS, LAS; see Las Peñitas.

PEÑOL; Antioquia 0614/7513 (USBGN)
1,888 m, on eastern side of northern Central Andes, 40 km E of Medellín [0615/7535 (USBGN)], site of Represa del Peñol (MHA; Atlas, 1977); Serna, 19 Apr. 1971, 22 Jan. 1975, Serna and Isaza, 22 Jan. 1975, Serna and Isaza, at El Marial [not located], 22 Jan. 1975 (Serna, 1980:33, 92-93, 103, as "El Peñol"); Betancur, 1993 (Betancur, 1994, as "El Peñol").

PEÑÓN, EL; see El Peñón.

PENSILVANIA; Caldas ca. 0523/7506 (IGAC [Caldas])
1,920 m, on eastern slope of Central Andes, 53 km WSW of La Dorada [0527/7441 (USBGN)] (Atlas, 1977); Benjamín, 29 Mar. 1964 (Iafrancesco, et al., 1986:45); collector ?, date ? (Nicéforo & Olivares, 1967:414); Serna, 13-14 Feb. 1971 (Serna, 1980:32, 49); MHA and USBGN both show locality farther N [at 0530/7505 (USBGN)] than the newer IGAC [Caldas], Atlas, 1977, and Atlas, 1992 maps.

- PEPINO; Putumayo 0103/7638 (USBGN)
ca. 1,200 m, at eastern base at southern end of Andes on Río Pepino [0105/7634 (USBGN)], short distance S of Mocoa [0109/7637 (USBGN)], von Sneider, date ? (de Schauensee, 1948a:319; MHA); not on our maps.
- PEPITAS, Río; see Dagua and Buenaventura.
- PEQUE; Antioquia 0659/7551 (USBGN)
5,000 ft [1,500 m] (Chapman, 1917:651); on southeastern slope of Cerro Paramillo [0704/7555 (USBGN)], above Cauca Valley, on eastern slope of northern Western Andes (MHA); lower edge of cloud forest, Miller and Boyle, 4 Feb. 1915 (Chapman, 1917:651).
- PERALONSO; Meta 0406/7321 (USBGN)
ca. 300 m (MHA); in llanos, 35 km ESE of Villavicencio [0409/7337 (USBGN)] (Atlas, 1977); Borrero, 10, 12-13 June 1944, 16 May 1947 (MVZ; ANSP); Cortés, May 1947 (FMNH); collector ? [Cortés ?], 16 May 1947, 12 June year? (Dugand, 1948a:159, 193; 1951b:162); seems to be located on Caño Quenane [ca. 0406/7321], which see.
- PERALONSO, Río; Norte de Santander 0756/7235 (USBGN)
Tributary of Río Zulía [0904/7218 (USBGN)] rising on eastern slope of northern Eastern Andes, W of Cúcuta [0754/7231 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:179).
- PERANCHO, Río; Chocó 0740/7710 (USBGN)
Minor tributary of lower Río Atrato [0817/7658 (USBGN)] originating near Panama border (MHA); Brit. Trans-Amer. Exped., Jan., Mar. 1972 (Burton, 1973:117; 1975:83).
- PEREIRA; Risaralda 0449/7543 (USBGN)
1,500 m, on western slope of middle Central Andes, 23 km NE of Cartago [0445/7555 (USBGN)], Borrero, Jan. 1953 (Borrero, 1953a:2, 6; MHA); collector ?, date ? (Borrero, 1972b:400); Serna, 24-26 Apr. 1974 (Serna, 1980:51, 87, 101, p. 101, as "Pereira, Antioquia"); de Wilde, et al., 17 Oct. 1989 (Anonymous, 1990).
- PERICO; Norte de Santander ca. 0805/7317
5,300 ft [1,600 m], cluster of huts [1870] W of and above La Cruz [Abrego, 0805/7313 (USBGN)], in southern part, and on eastern side, of Sierra de Ocaña [0830/7330 (USBGN)], the westernmost ridge of northern Eastern Andes, Wyatt, Jan. 1870 (Wyatt, 1871:120, 324, 333, as "Pirico"; MHA; IGAC [N. de Santander]).

PERIJÁ, SERRANÍA DE; Cesar/La Guajira 1000/7300 (USBGN)
Northern extension of Eastern Andes of approximately 300 km, from 0900 to 1110, its crest averaging about 2,250 m, but reaching 3,700 m in a few places; boundary between Venezuela/Colombia generally follows crest (MHA); de Schauensee, 1948a:320, as "Sierra de Perijá," its Venezuelan name; Carriker, at Camp Perijá [ca. 0949/7303 (USNM)], 4,500-10,000 ft [1,400-3,050 m], 12-26, 28, 30 Apr., 1-4, 6-7 May 1942 (USNM, as "Camp at 5,500 ft, Sierra Perijá"); Carriker, at Hiroca [ca. 0942/7305 (USNM)], between 3,500-7,000 ft [1,050-2,125 m], 21-28, 30 Mar., 1-4, 6-10 Apr., and below Hiroca, at 2,000 ft [600 m], 11 May 1942 (USNM); Carriker, at La África [ca. 1032/7256] between 5,500-7,500 ft [1,700-2,300 m] 8, 10-13, 15-21 June 1942 (USNM); Johnson, where ?, 8 June, 31 Aug. 1972 (Hilty & Brown, 1986:666).

PERIJÁ, SIERRA DE (de Schauensee, 1948a:320); see Perijá, Serranía de.

PERLASIVÍ (de Schauensee, 1944a:5); see Peasbí, Río.

PERLASVI, RÍO (MHA); see Peasbí, Río.

PEROLES; Santander ca. 0710/7355 ?
ca. 100 m, in vicinity of Quebrada Lisama [ca. 0710/7355], an affluent of Río Sogamoso [0713/7356 (USBGN)] near latter's confluence with Río Magdalena [1106/7451 (USBGN)], uninhabited, 90% virgin forest, collector ?, 28 Oct. year? (Borrero, Olivares, & Hernández, 1962:586, 587); Borrero & Hernández (1958:290) cite as "Barrancabermeja [0703/7352 (USBGN)], Vereda Peroles, Caño Muerto" and also as "Paroles."

PESCADERO; Santander 0650/7300 (USBGN)
ca. 600 m, at junction of Río Umpalá [0649/7301 (USBGN)] and Río Chicamocha [0646/7312 (USBGN)], the latter an affluent of Río Sogamoso [0713/7356 (USBGN)], 15 km NE of Jordán [0644/7307 (USBGN)], 35 km NNE of San Gil [0633/7308 (USBGN)], on western slope of northern Eastern Andes (MHA); Nicéforo, date ? (Nicéforo, 1945:390); Ordóñez, 28 Jan. 1972 (Iafrancesco, et al., 1987:85).

PESCADO (USNM); see El Pescado.

PESCADO, EL; see El Pescado.

PESCADO, RÍO; Caquetá 0113/7531 (USBGN)
Tributary of Río Ortegua [0043/7516 (USBGN)] in western Caquetá

(MHA); Nicéforo, on right bank, 10 km from its mouth at Santa Rita [ca. 0115/7538], 3 Feb., 5 Mar 1954, collector ? [Nicéforo ?], where ?, 28 Feb. 1954 (Nicéforo & Olivares, 1968:276; Iafrancesco, et al., 1986:67, 73; 1987:69); Nicéforo, 20 km from its mouth, at Aserrío [ca. 0115/7540], 3 Feb., 5 Mar 1954 (Nicéforo & Olivares, 1964:9; Iafrancesco, et al., 1986:80; 1987:70).

PESCADOR; Cauca 0247/7633 (USBGN)
ca. 1,500 m, in upper Cauca Valley, 28 km SSW of Santander [0301/7628 (USBGN)] on road to Popayán [0227/7636 (USBGN)] (MHA); Lehmann, first week of Oct. 1960 (Eisenmann & Lehmann, 1962:11); collector ? [Lehmann ?] between Santander and Pescador, date ? (Borrero, 1972b: 402).

PESTAGUA; Magdalena Not located
Near Ciénaga Grande de Santa Marta [1050/7425 (USBGN)], collector ?, 13 Dec. 1937 (Dugand, 1947a:393; 1947c:586).

PETRÓLEA; Norte de Santander 0830/7235 (USBGN)
ca. 100 m, in lowlands E of lower end of Serranía de Perijá [1000/7300 (USBGN)], 5 km E of Río Sardinata [0837/7239 (USBGN)] and 5 km SW of Venezuela border (MHA); Carriker, 14-17, 19-24, 26-27, 29-31 July, 25, 14-15 Aug. 1943 (USNM) and 7 km E of Río Sardinata, date ? (Wetmore, 1968:326); Nicéforo, 31 July 1938, 22-24, 27-31 July, 2 Aug., 27-29 Dec. 1948, 12-13 Jan., 1-2 Aug. 1949, 27-28, 31 July, 1, 4 Aug., 29 Dec. 1949, 22, 28 July 1950, Nicéforo and Filiberto, 1-2 Aug. 1950 (Serna, 1980:29, 30, 51; Iafrancesco, et al., 1985:40, 48, 56; 1986:79; 1987:80, 89, 103, 108, 121, 135; 1988:127; 1989:138, 144, 149; ANSP).

PIALAPÍ; Nariño ca. 0110/7810
Alt.?: on Pacific slope in municipio of Ricaurte [0110/7810 (USBGN)] (Dicc. Geog.); valley on eastern side of La Planada Reserve [0115/7815 (Restrepo and Mondragón, 1988a:116)], Thiollay, in vicinity, ca. 24 June-16 July 1988 (Thiollay, 1991).

PICA, LA; see La Pica.

PICACHO, EL; see El Picacho.

PICACHO, PIE DEL; see El Picacho.

PICALEÑA; Tolima 0424/7509 (USBGN)
947 m, on eastern slope of Central Andes, 11 km ESE of Ibagué

[0427/7514 (USBGN)] (MHA); Dugand, nearby, date ? (Dugand, 1941a:54).

PICHICHÍ; Valle del Cauca 0346/7618 (USBGN)
Alt.?: in eastern part of state, ca. 6 km ENE of Guacarí [0346/7620 (USBGN)] and 7 km NNW of Ginebra [0343/7616 (USBGN)] (Mapa, Valle, 1973, as "Ingenierio Azucanero Pichichí"); collector ?, 3, 7-9 Mar., 3 Apr. 1967 (Serna, 1980:20, 22, 55, 100).

PICHICHÍ, LAGO; Valle del Cauca ca. 0345/7615 (Mapa, Valle, 1973)
Alt.?: in eastern part of state, ca. 6 km NNE of Ginebra [0343/7616 (USBGN)] and 12 km E of Guacarí [0346/7620 (USBGN)] (Mapa, Valle, 1973, as "Represa Pichichí"); Serna and Cuervo, 23 Oct., 13 Nov. 1971 (Serna, 1980:15, 17).

PICHINDÉ; Valle del Cauca 0326/7637 (USBGN)
1,800 m (de Schauensee, 1952a:1134); above Cauca Valley on lower eastern slope of Western Andes, 10 km WSW of Cali [0327/7631 (USBGN)] (MHA); Borrero and Lumsden, sometime between Jan.-Mar. 1950 (Borrero, 1952b:2); Lehmann, Apr. 1957 (FMNH, as "Pichindi"); Lehmann, at 1,590 m, on nearby Río Cali [0330/7630 (USBGN)], 25 Nov. 1956 (Lehmann, 1957:137); collector ?, date ? (Cantillo, 1983:72); Hilty, at 1,600 m, 30 July year ?, Gniadek, at 1,500 m, Jan., June, July, Dec. year or years ?, Hilty, et al., at 1,500 m, Jan.-Feb. 1984 (Hilty & Brown, 1986:286, 354, 556, 617).

PICHINDÉ, RÍO; Valle del Cauca ca. 0328/7635 (Mapa, Valle, 1973)
Small river rising on the eastern slopes of the Western Andes W of city of Cali [0327/7631 (USBGN)], apparently a tributary of Río Cali [0330/7630 (USBGN)], and passing the town of Pichindé [0326/7637 (USBGN)] (Mapa, Valle, 1973); Willis, 25 Apr. 1966 (Willis, 1988:139); Schuchmann, et al., near Peñas Blancas [ca. 0327/7643 (Mapa, Valle, 1973)], at 1,700 m, March 1988 (Schuchmann, et al., 1989:24).

PICHINDI (FMNH); see Pichindé.

PICOTA, LA; see La Picota.

PIEDRECUESTA; Santander 0659/7303 (USBGN)
982 m, on western slope of northern Eastern Andes, 17 km SE of Bucaramanga [0708/7309 (USBGN)] (MHA); collector ?, date ? (Olivares, 1958b: 277).

PIE DEL GALLO (USNM); see Angostura.

PIE DE SAN JUAN, EL; see El Pie de San Juan.

PIEDRA DE AMOLAR; La Guajira ca. 1120/7220
ca. 400 m, hill in municipio of Maicao [1120/7720 (USBGN)], eastern central La Guajira (Dicc. Geog.); not shown on our maps; Serna, Nov. 1980 (Serna, 1984:29).

PIEDRAGRANDE, HACIENDA DE; see Hacienda de Piedragrande.

PIEDRAS, RÍO; Magdalena ca. 1120/7358
On Caribbean coast a short distance E of Cabo de San Juan de Guía [1121/7359 (USBGN)] (Todd & Carriker, 1922:121); presumably this is the unnamed river shown at Punta Piedra [1120/7358 (USBGN)] on MHA; although listed by Todd & Carriker (loc. cit.), it may not be of ornithological significance.

PIEDRAS BLANCAS; Antioquia (1) 0615/7458 (USBGN)
ca. 1,500 m, on eastern slope of northern Central Andes, 68 km E of Medellín [0615/7535 (USBGN)], 30 km SW of Caracoli [0624/7445 (USBGN)], and 21 km E of Guatapé [0614/7509 (USBGN)] (MHA); collector ?, date ? (Níceforo, 1923a:333); Borrero, at 2,500 m, date ? (Borrero, 1967:446); Madrigal and Serna, at 2,350 m, 27 Dec. 1977 - 16 Jan. 1978 (Madrigal & Serna, 1978:58; Serna, 1980:26); the altitudes of these records suggest that they probably pertain to the Piedras Blancas nearer Medellín, which see below.

PIEDRAS BLANCAS; Antioquia (2) ca. 0615/7530
2,350 m, small forest reserve ca. 10 km E of Medellín [0615/7535 (USBGN)], Johnels and Cuadros, 1 Sept. 1979 - 25 Sept. 1980 (Johnels & Cuadros, 1986:236); site does not appear on our maps; for possible additional records see the Piedras Blancas above.

PIEDRAS VERDES; see Amagá.

PIENDAMÓ; Cauca 0238/7630 (USBGN)
ca. 1,800 m, in upper Cauca Valley, 22 km NNE of Popayán [0227/7636 (USBGN)] and 13 km W of Silvia [0237/7621 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:190); Marinkelle, 1 Nov. 1966 (WVZ), 24 Feb. 1967 (UMMZ).

PEINDAMÓ, LAGUNA DE; Cauca Not located
3,200 m , E of Silvia [0237/7621 (USBGN)], in Central Andes, Negret,
Sept. 1992 (Negret, 1997a:46)

PIGUALE (WVZ); see Ricaurte.

PIÑAL, EL; see El Piñal.

PINDO, EL; see El Pindo.

PINILLOS; Bolívar 0855/7428 (USBGN)
ca. 50 m, in lower Magdalena Valley, near juncture of Río Cauca [0854/
7428 (USBGN)] with Brazo de Loba [0920/7442 (USBGN)] (MHA);
Dugand, 20 July 1943 (Dugand, 1945b:398).

PIÑON, EL (Chapman, 1917:603); see El Peñón.

PINTADA, LA; see La Pintada.

PINTADO; Antioquia Not located
Collector ?, date ? (Borrero, 1972b:399); possibly La Pintada, which see,
was intended.

PINTADO, CERRO; La Guajira 1029/7255 (USBGN)
3,000 m, peak in northern Serranía de Perijá [1000/7300 (USBGN)] on La
Guajira/Cesar and Colombia/Venezuela borders, 46 km E of Valledupar
[1029/7315 (USBGN)] (MHA); Carriker, at summit at 10,300-10,600 ft
[3,125-3,225 m; too high ?], 26 June, 3, 6, 14 July 1942 (USNM);
Pearman, in Cesar between Manaure [1024/7302 (USBGN)] and Cerro
Pintado, 13 Feb. 1987 (Pearman, 1993:73); see, also, Junco, Laguna de.

PIÑUELA, LA; see La Piñuela.

PINZÓN, PUENTE; see Puente Pinzón.

PIOJÓ; Atlántico 1045/7507 (USBGN)
ca. 250 m, on small hill on Caribbean coastal plain, 45 km SW of
Barranquilla [1059/7448 (USBGN)] and ca. 10 km in from coast (MHA);
collector ?, date ? (Dugand, 1940b:229).

PIPIRAL; Meta ca. 0415/7350
Alt. ?; 30 km NW of Villavicencia [0409/7337 (USBGN)] (Dicc. Geog.);
Nícéforo ?, Nov. 1922 (MCZ);

- PIQUALÉ; Nariño Not located
 2,000 m, Carriker, 13, 22-24 July, Aug. 1959 (LSU, as "Piquale (Ricaurte, 2,000 m)"); in Ricaurte district [0110/7810 (USBGN)] on Pacific slope near Ecuadorian border.
- PIRICO (Wyatt, 1871:map); see Perico.
- PISOJÉ (de Schauensee, 1948a:321); see Pisoje.
- PISOJE; Cauca ca. 0225/7630
 Alt. ?; de Schauensee (1948a:321, as "Pisoje") has defined this locality as a stream [Río Pisoje, 0226/7632 (USBGN)] ca. 12 km E of Popayán [0227/7636 (USBGN)]; Lehmann (1957:148) says this is one of his collecting localities [dates ?] and that while it is true that there is a stream of Pisoje, he uses the name to encompass the old Hacienda Pisoje which extended from near Popayán to the boundaries of Puracé [town ? at 0224/7627 (USBGN)] and Coconuco [0220/7628 (USBGN)]; not on our maps.
- PITA, CIÉNAGA DE; Cesar/Santander 0755/7340 (USBGN)
 ca. 100 m, lake 17 km E of main channel of Río Magdalena [1106/7451 (USBGN)], formed by Río Lebrija [0808/7347 (USBGN)] and terminus of Río Cachira del Espíritu Santo [0752/7340 (USBGN)] (MHA); Romero, on Cesar side of lake, 11-12 Apr. 1970, 3 Apr. 1971, and 26 Feb. 1972, and nearby, 14 Aug. 1971, 28 Feb., and 16 Mar. 1972, on Santander side of lake [usually as "across from Ciénaga de Pita"], 11-12 Apr. 1970, 20 Feb., 3, 31 [sic] Apr., 8-10, 13-14 Aug. 1971, 11 Apr., 8 Aug. 1972, and nearby, 3 Apr. 1971 (Olivares & Romero, 1973:46ff).
- PITAL; Huila 0216/7549 (USBGN)
 921 m, in upper Río Magdalena [1106/7451 (USBGN)] valley, on eastern slope of southern Central Andes, 22 km WNW of Garzón [0212/7538 (USBGN)] and 16 km SE of La Plata [0223/7553 (USBGN)] (MHA; Atlas, 1977); Carriker, at 700 m, 24-31 Oct., 1, 3-5, 8 Nov. 1958 (FMNH; WFVZ, also as "El Pital"; LACMNH, sometimes as "El Pital").
- PITALITO; Huila 0151/7602 (USBGN)
 1,290 m, in uppermost Magdalena Valley, 25 km E of San Agustín [0153/7616 (USBGN)] and 17 km SW of Timaná [0158/7556 (USBGN)] (MHA); Lehmann, at 1,188 m, between Altamira [0203/7547 (USBGN)] and Pitalito, 24 June 1961, and 10 km W, date ? (Lehmann, 1961:525, 526).

PIVIJAY; Magdalena 1028/7437 (USBGN)
3 m (Borrero, 1972b:396); in Caribbean lowlands 15 km E of lower Río Magdalena [1106/7451 (USBGN)] and 55 km SE of Barranquilla [1059/7448 (USBGN)] (MHA); Dugand, date ? (Dugand, 1940d:31); collector ?, date ? (Borrero, 1972b:396); observer ?, 8 Feb. 1977 (Hilty & Brown, 1986:526).

PIZARRO; Chocó 0458/7722 (USBGN)
Sea level, at mouth of Río Baudó [0457/7722 (USBGN)] in southern coastal Chocó (Atlas, 1977; Mapa, 1976); erroneously shown on MHA at ca. 0509/7722; formerly Baudó (USBGN); von Sneider, 1-2, 18-19 July, 14, 24-29 Aug., 1-2, 4, 6-13, 15, 17-19 Sept. 1945 (FMNH; YPM; ANSP); Kerr, June-July 1912 (FMNH, as "Baudó"), but not certain that Kerr's specimens are from this locality; they could be from Serranía de Baudó [0600/7705 (USBGN)], which see, or on the Río Baudó.

PLACER, EL; see El Placer.

PLANADA, LA; see La Planada.

PLANADA DE MONOS (Lehmann, 1957:147); see El Recreo.

PLANADAS, RÍO (Niséforo & Olivares, 1964:16); see Planas, Río.

PLANAS, RÍO; Meta 0406/7042 (USBGN)
Major tributary of upper Río Vichada [0455/6750 (USBGN)] joining that river almost at Meta/Vichada border (Mapa, 1976); collector ?, 25-26 Mar. year ? (Borrero, 1960a:496-498); collector ?, May 1952 (Olivares, 1974a:86); Niséforo & Olivares, 1964:16, as "Río Planadas."

PLANCHÓN; Cauca Not located
2,200 m, on road to La Gallera [ca. 0235/7655] in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], Negret, Sept., Nov. 1990 (Negret, 1991:43, p. 45, as "El Planchón").

PLANETA RICA; Córdoba 0825/7536 (USBGN)
ca. 100 m, at northeastern base of Serranía de San Jerónimo [0800/7550 (USBGN)], 48 km SE of Montería [0846/7553 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:398); Betancur, 15 Oct. 1995 (SAO).

PLANO DE LOS MONOS (Simon & Dalmás, 1901:216); see El Recreo.

PLATA, LA; see La Plata.

PLATANARES; Valle del Cauca ca. 0336/7627 (Mapa, Valle, 1973)
ca. 1,000 m, in upper Cauca Valley on right bank of Río Cauca [0854/7428 (USBGN)], 17 km NW of Palmira [0332/7616 (USBGN)] and 5 km NE of Yumbo [0335/7628 (USBGN)] (Mapa, Valle, 1973); Lehmann, prior to 1957 (Lehmann, 1957:114).

PLATA VIEJA (MHA); see La Argentina, Huila.

PLATA VIEJA, LA (Hilty & Brown, 1986:573); see La Argentina, Huila.

PLATEADO, EL; see El Plateado.

PLATO; Magdalena 0947/7447 (USBGN)
16 m, on right bank of lower Río Magdalena [1106/7451 (USBGN)], 5 km NE of Zambrano [0945/7449 (USBGN)] (MHA); collector ?, E of Plato, date ? (Dugand, 1948a:168); collector ? [probably same as above], 76 km NE of Plato, date ? (USNM).

PLAYA, LA; see La Playa.

PLAYA DE ORO; Chocó 0519/7624 (USBGN)
ca. 200 m, on upper Río San Juan [0403/7727 (USBGN)] near where it rises on the lower western slope of the Western Andes (MHA); Posada, 31 Jan., 4, 8-10 Mar., Marinkelle, 20 Jan., 3, 7-9, 12, 14-15 Mar., 9 May 1970 (WFWZ; UMMZ).

PLAYÓN (MHA); see Playón, Arroyo.

PLAYÓN, ARROYO; Bolívar ca. 0953/7520 (Haffer & Borrero, 1965:51)
ca. 200 m (MHA); in hills at western base of Serranía San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], S of María la Baja [0959/7517 (USBGN)], Beattie, 10, 12, 31 Mar. 1961 (Haffer & Borrero, 1965:32ff); not on our maps, although San José del Playón [0953/7520 (USBGN)] is shown in Atlas, 1977 and on MHA (as "Playón") and presumably the stream is close to the town.

PLAYÓN, EL; see El Playón.

PLAZA BONITA; Meta ca. 0316/7352 (Philipson, et al., 1951:189 (map))
400 m (de Schauensee, 1952a:1134); campsite on southern bank of Río Güejar [0255/7314 (USBGN)] at northeastern base of Serranía de la

Macarena [0245/7355 (USBGN)], Doncaster, 12-20 Nov. 1949 (Philipson, et al., 1951:189 (map), 192); Nicéforo, 5, 25, 27-29 Mar., 29 Apr., 3 May 1950 (Serna, 1980:21; Iafrancesco, et al., 1985:43; 1986:80; 1987:90, 116; 1988:122, 129); von Sneider, Feb. 1957 (FMNH; Blake, 1962:72); as noted by de Schauensee (1952a:1130), longitude of map accompanying Philipson, et al. (1951), is labeled one degree too far E [longitude given above has been corrected].

POBLADO, EL; see El Poblado.

POCUNÉ (Chapman, 1917:651); see Pocuné, Río.

POCUNÉ, RÍO; Antioquia 0734/7444 (USBGN)
Small affluent of Río Tigüí or Bagre [0738/7448 (USBGN); Sclater & Salvin, 1879:489, as "Río Vagré"], a tributary of the upper Río Nechí [0808/7446 (USBGN)], originating near Remedios [0702/7441 (USBGN)] on northeastern side of Central Andes (MHA); Salmon, at ca. 1,970 ft [600 m], ca. 1872-78 (Sclater & Salvin, 1879:489); Chapman, 1917:651, as "Pocuné."

POLINDAR; Cauca 0228/7623 (USBGN)
ca. 2,500 m, on western slope of Central Andes, 25 km E of Popayán [0227/7636 (USBGN)] (MHA; Atlas, 1977); Carriker, 20, 26-28 Jan., 1, 3-5 Feb. 1953 (YPM).

POLONIA, PUNTA; see Punta Polonia.

POMPEYA; Meta Not located
Southeast of Villavicencio [0409/7337 (USBGN)], Filberto and Valentin, 30 Dec. 1951 (Iafrancesco, et al., 1988:140).

PONEDERA; Atlántico 1038/7445 (USBGN)
8 m (de Schauensee, 1948a:321); on western bank of lower Río Magdalena [1106/7451 (USBGN)], 38 km S of Barranquilla [1059/7448 (USBGN)] and 8 km S of Santo Tomás [1045/7445 (USBGN)] (MHA, as "Ponederas"; MHA, index as "Ponedero"); Dugand, Mar. 1937 (Dugand, 1941a:55); Dugand, Jan. 1940 (Dugand, 1940d:37); semiarid, collector ?, date ? (Dugand, 1947c:543, 556; Borrero, 1972b:398); Wolff and Valverde, 5, 11, 16 Apr., 11 June 1977 (Serna, 1980:20, 38, 59); Dugand, between Palmar de Vareola [1045/7445 (USBGN)] and Ponedera, date ? (Dugand, 1943b:201).

PONEDERAS (MHA); see Ponedera.

PONEDERO (MHA, index); see Ponedera.

PONITAMA, RÍO

Not located

Apparently the river is crossed by the Honda [0512/7445 (USBGN)]/La Dorada [0527/7440 (USBGN)] road, which would place it in the Magdalena Valley; collector ?, date ? (Niséforo & Olivares, 1967:422).

POPA, CERRO LA; see La Popa, Cerro.

POPA MOUNTAIN (Cassin, 1860:191); see La Popa, Cerro.

POPAYÁN; Cauca

00227/7636 (USBGN)

1,760 m, near head of Río Cauca [0854/7428 (USBGN)] closer to Central Andes than to Western Andes, 110 km S of Cali [0327/7631 (USBGN)] (MHA); at border of arid subtropical and temperate zones (Chapman, 1917:651); collector ?, prior to 1832 (Loddiges, 1832:6-7); Delattre, nearby, prior to 1846 (Delattre & Bourcier, 1846:305); Goodfellow and Hamilton, Apr.-May 1898 (Hamilton, 1901:303); Lehmann, 16 Dec. 1936 (Lehmann, 1957:105); von Sneidern, 5, 7, 12, 22, 26 Feb., 13 Mar., 15 Apr., July, 17 Sept., 5 Nov., 31 Dec. 1939, June, 23, 28 Sept., 12 Dec. 1940 (ANSP; FMNH); Lehmann, 20 Oct. 1941 (Dugand, 1947b:399) and Apr. 1942 (Borrero, 1947:498); Iragorri, in vicinity, 28 Sept. 1942 (Lehmann, 1960a:266); Iragorri, 8 Nov. 1943, 4 Aug. 1944 (von Sneidern, 1954:10-11), and 29 Nov. 1947 (ANSP); von Sneidern, 9 Oct. 1943 (UMMZ), 30 Jan., 24 Feb., 15, 24 July, 18 Dec. 1944 (ANSP), 11 Nov. 1946, 26 Jan., 13 May 1947, 8 Nov. 1950, 6 July (CM), 9, 16 Oct. 1953 (von Sneidern, 1954:3, 10), and 30 Apr. 1955 (CM); collector ?, Feb. 1945 (Negret, 1997:46); Oct. 1947 (von Sneidern, 1954:3); Iragorri, Dec. 1947 (FMNH); Latorre, 6 Dec. 1955, Alvaro, 9 Feb., Cordillo, 22 Feb., collector ?, 10 Mar., 6 Apr., and Cordillo, 5, 14 May 1956 (UMMZ); Carriker, Dec. 1955, Feb., July 1956, Jan., and Nov. 1957 (FMNH); collector ?, 12 Dec. 1948 (UNC); collector ?, 15 Feb. 1949 (MHNC); von Sneidern, 3 Apr. 1947, 30 Jan. 1948, 28 July, 7, 24 Aug., 21 Oct. 1956, 20 July 1957, and 10 Feb. 1958 (YPM; UMMZ); Wallace, in vicinity, 13 Sept. 1955-20 July 1956 (Wallace, 1958:177ff); Carriker, 27 Jan., 2, 5, 7 Feb., 23 May 1953, 21 June 1954, 2 Apr., 16 July, 3 Sept. 1956, 12 Jan., 28 Feb., 28, 30 Mar., 2, 12 Apr., 1, 28 May, 26 June, 5 July, 9 Sept., 3, 9, 13 Oct., 3, 11-12, 30 Nov., 15, 28 Dec. 1957, 12 June, 3, 16, 25 Aug., 8, 14 Sept. 1958, 16 Jan., Apr., 13, 18 May, 6, 16, 22, 24, 28 June, 16 Aug., 8, 10, 12, 16-17, 21, 23-26, 28 Sept., 1, 4, 6, 8 Oct., Nov., 13, 26 Dec. 1959, 4, 11, Jan., 26 Feb., 3 Mar., 20 Apr., 7 May, 12 June, 11 July, 3, 16, 20, 30 Aug., 4, 10-11, 23, 25, 27-28 Sept., 2, 5, 9, 12, 16, 23, 29 Oct., 6, 13

Nov., 5, 26 Dec. 1960, 29 Jan., 2 Feb., 23 Mar., 23 Apr., 13, 23 May, 1 June, 2, 13, 22-24, 27 July, 6, 28 Aug., 24 Oct., Nov., 27 Dec. 1961, 20, 28 Jan., 5, 13 Feb., 3, 13, 20 Mar., Apr., May, July, 2, 13 Aug., 13, 23, 25 Sept. 1962, Aug., Nov. 1964, and 13 Dec. 1969, Marinkelle, 12 Jan., 30 Mar., 5 May, 19 July 1965, 1 June, 4 Aug., Nov. 1966, 1 Jan., 1 Mar. 1967, 12 Mar., and 4 Dec. 1968, Acevedo, 30 Apr. 1965, and collector ?, 12 May 1966, 4 Dec. 1968 (WVZ; YPM; UMMZ; LACMNH; LSU; CM); Gill and Lehmann, 27 Jan. 1956 (UMMZ); Pazos, 11 July 1966, 4 Jan., July, 25, 28 Aug., 4, 6, 8, 15 Sept., 18, 22 Dec. 1967, 6, 8, 11, 18-20, 23-24 Jan., 1, 5, 7-8 Feb., 2 Apr., 21 Nov. 1968, and 16 Jan. 1969 (MCZ; FMNH; MVZ); Hilty, et al., July 1977, Brown, Feb. year ? (Hilty & Brown, 1986:140, 519); A. H. Miller, 15 km N, at 5,800 ft [1,750 m], 20, 23-30 Sept., 1 Oct., and 20 km N, also at 5,800 ft [1,750 m], 27-28 Sept. 1958 (MVZ); Marinkelle, nearby, 4 Apr. 1964 (UMMZ); Dunning, 10 mi [16 km] SW, 13 Dec. 1969 (ANSP); Chipley, 2 km E at 1,800 m, mid-Jan.-early Dec. 1972 (Chipley, 1976:121; 1980:310-311); collector ?, Oct., Nov., Dec. 1992 (Negret, 1997:46); Negret, 12 Oct. 1995 (Negret, 1997a:49); Miller and Richardson, at 10,340 ft [3,150 m] in "Andes W. of Popayán" on Micai [Micay, 0246/7655 (USBGN)] trail on crest of first ridge W of Popayán, wet with sparse, scrubby vegetation, 10-23 July 1911 (Chapman, 1917:30, 32, 641).

PORCE (Serna, 1980:5); see Porce, Río.

PORCE, LAGO; Antioquia

Not located

Presumably bears some relation to Río Porce [0728/7453 (USBGN)], which see; collector ?, 8 July 1970 (Serna, 1980:76, as "Porce (Lago Porce)").

PORCE, RÍO; Antioquia

0728/7453 (USBGN)

Rises on northeastern side of northern end of Central Andes, entering Río Nechí [0808/7446 (USBGN)] on right bank, MHA shows Río Porce starting S of Medellín [0615/7535 (USBGN)], but more current maps, e.g. IGAC [Antioquia], Atlas, 1977, and Atlas, 1992, consider river by Medellín to be Río Medellín [not given in USBGN] and Río Porce to begin ca. 75 km downstream from Medellín; Dicc. Geog. states that the Río Porce "is called" the Río Medellín from its source at 0602/7535 to its confluence with the Río Grande [0633/7513 (USBGN)]; Salmon, 1870s, near confluence with Río Nechí at Dos Bocas [0727/7454 (USBGN)] (Sclater & Salvin, 1879:489, as "Río Poru"); Nicéforo, "in valley," date ? (Nicéforo, 1945:388); Hershkovitz, Jan. 1950, 4 km N of Bella Vista [Bellavista, 0633/7518 (USBGN)] (Blake, 1955:16; FMNH); collector ?, at Hatillo [0625/7524 (USBGN)], date ? (Nicéforo & Olivares, 1964:9); collector ?, at city of Medellín, 5 June 1963, collector ?, where ?, 24 July 1967, 8 July

1970, Pérez, where ?, 5 June 1968, Serna and Palacio, where ?, 27 Aug. 1968 (Serna, 1980:5, 19, 22, 89, as "Porce", p. 6, as "Río Medellín"); Weber, in valley, 23 Oct. 1994 (Weber, 1994:22).

PORCECITO; Antioquia 0633/7514 (USBGN, as "Porcesito")
ca. 1,000 m, railroad station 48 km NE of Medellín [0615/7535 (USBGN)] and 16 km W of Cisneros [0635/7505 (USBGN)] at junction of Quebrada Porcesito [0633/7513 (USBGN)] with Río Porce [0728/7453 (USBGN)] on eastern slope of Central Andes (MHA, as "Porcecito"; IGAC [Antioquia], as "Porcecito"); collector ?, date ? (Nicéforo & Olivares, 1964:18, as "Porcecito"); Serna, 2 June 1967 (Iafrancesco, et al., 1988:127, as "Porcecito"); Isaza, 19 Mar. 1969, Serna, 30 Apr., 2 June 1967, 19 Mar. 1968, 24 Aug. 1971, Serna and Isaza, 19 Mar. 1969, 24 July 1971 (Serna, 1980:34, 44-46, 49, 102, as "Porcecito," pp. 76, 90, as "Porcecito (Lago)").

PORCESITO (USBGN); see Porcecito.

PORE; Boyacá (Nicéforo & Olivares, 1975:6); see Pore, Casanare.

PORE; Casanare 0543/7200 (USBGN)
332 m, in eastern llanos, 63 km NE of El Yopal [0521/7223 (USBGN)] (MHA); Carriker and Marinkelle, 5 May 1967 (Olivares, 1974a:96; WFVZ, as "Pore, Boyacá"); Nicéforo & Olivares, 1975:6, as "Pore, Boyacá").

PORQUERA, LA; see La Porquera.

PORTACHUELO (MVZ); see Portachuelo, Cordillera.

PORTACHUELO, CORDILLERA; Putumayo 0107/7652 (USBGN)
ca. 2,500 m, short spur off the main range, in NW corner of Putumayo, 20 km SW of Mocoa [0109/7637 (USBGN)] (MHA; Atlas, 1977); Lehmann, at 2,580 m, 27 June 1958 (MVZ, as "Portachuelo").

PORTETE, BAHIA (Wetmore, 1941:205); see Portete, Bahía de.

PORTETE, BAHÍA DE; La Guajira 1213/7155 (USBGN)
Large bay on northwestern tip of Península de la Guajira [1200/7130 (USBGN)] (Atlas, 1977); Wetmore and Carriker, 16 May 1941 (Wetmore, 1941:205, as "Bahía Portete"; USNM); mangrove-fringed lagoon, nesting area [formerly ?] for *Phoenicopterus ruber* (Sprunt, 1976:36, as "El Portete"); Naranjo, July 1980, Serna, 24-25 Nov. 1980, Mar. 1981 ?

(Serna, 1984:19, 23, 25, 26, as "Bahía Portete"); Díaz and Botero, 18 June, 22 Sept., 20 Oct., 14 Dec. 1987 (Díaz & Botero, 1988:497, 498, as "Bahía Portete").

PORTETE, EL (Sprunt, 1976:36); see Portete, Bahía de.

PORTRERILLO (CU); see Potrerillo; Valle del Cauca.

PORTRERRAS; Norte de Santander ? ca. 0734/7303 (Wyatt, 1871:map)
7,000 ft [2,150 m], hut ca. 8 mi [13 km] S or SW of Cáchira [0744/7303 (USBGN)], on western slope of northern Eastern Andes, Wyatt, Feb. 1870 (Wyatt, 1871:map, 123ff); Wyatt's map shows Cáchira too far S and slightly W of its true position and is, therefore, an unreliable reference for positioning Portrerras; probably a misspelling of "Potreros."

PORTUGAL; Santander ca. 0708/7315 (Atlas, 1977)
ca. 750 m, on western side of northern Eastern Andes, ca. 12 km W of Bucamaranga [0708/7309 (USBGN)] and ca. 4 km NW of Lebrija [0707/7313 (USBGN)] (Atlas, 1977); in municipio of Barrancabermeja [0710/7345 (USBGN)] (Dicc Geog.); Carriker, from 800 to 950 m, 7 Nov. 1960, 17, 22 Feb., 10 Apr., 10 Aug., 22-23 Sept. 1961, 17, 22 Feb., 29, 31 May, 2, 4, 13 June, 18 July, 28 Aug., 5 Sept., 10 Nov. 1962, Jan., 1-2, 5 Feb., 22 Apr., 2-3, 5, 7-8, 11, 13, 15, 17 May, 6 June, 18 July, 18, 21 Oct., 12 Nov. 1963, 26 Feb., 2, 22, 26, 28 April, 1-3, 8, 10, 22-23, 29 May, 3, 5, 10, 15 June, 5 July 1964 (WVZ, sometimes as El Portugal"; CU; YPM, sometimes as "El Portugal"; MVZ); Carriker, 8 May, 3 June, 20 Sept. 1964 (MVZ); also in Santander, on a spur on western side of northern Eastern Andes, ca. 20 km NW of Barichara [0638/7314 (USBGN)] and ca. 12 Km SW of Zapatoca [0649/7317 (USBGN)], at ca. 2,000 m, is another Portugal [0645/7321 (USBGN)] (Atlas, 1992), but this appear too high to be the Carriker locality.

PORU, RÍO (Sclater & Salvin, 1879:489); see Porce, Río.

PORVENIR, EL; see El Porvenir.

POSTACHUELA Not located
Boucard, 1892:77; possibly a locality in Panama, although none of that name can be found there.

POTEDÓ; Chocó ca. 0435/7656
ca. 100 m (MHA); in municipio of Istmina [0440/7645 (USBGN)] (Dicc. Geog.); farm on lower Río San Juan [0403/7727 (USBGN)], near mouth of

Río Potedó [ca. 0435], below Noanamá [0442/7656 (USBGN)] (de Schauensee, 1948a:322); Carriker, 1-6 May 1918 (YPM; UMMZ; CM; ANSP).

POTEDÓ; Valle del Cauca ca. 0350/7655
100 ft [30 m], 10 mi [16 km] SE of Buenaventura [0353/7704 (USBGN)] on the Pacific coastal plain, Sibley, 7 June 1956 (CU); this site seems to be where the highway crosses Quebrada Potedó [ca. 0350/7707 (Mapa, Valle, 1973)]

POTRERILLO; Valle del Cauca ca. 0332/7605
Alt. ?; 20 km E of Palmira [0332/7616 (USBGN)], on eastern side of upper Cauca [0854/7428 (USBGN)] valley (Mapa, Valle, 1973); Fuertes, 19 Mar., 19, 21 Apr. 1911 (CU, sometimes as "Portrerillo").

POTRERILLOS; Cauca Not located
In upper valley of Río Patía [0213/7840 (USBGN)], W of Patía [0204/7704 (USBGN)] (Dicc. Geog.); Negret, between Portrerillos and La Barca [not located], June 1991 (Negret, 1992:45).

POTREROS, HACIENDA; see Hacienda Potrerros.

POZO, ALTO DE; Santander (Nicéforo & Olivares, 1964:8); see Pozo, Alto del; Norte de Santander.

POZO, ALTO DEL; Norte de Santander 0806/7303 (USBGN)
ca. 2,500 m (MHA); not on our maps; on eastern slope of northern Eastern Andes, near Bucarasica [0802/7256 (USBGN)]; USNM map of Carriker's collecting localities shows this ca. 4 km W of Buenos Aires [ca. 0801/7258 (IGAC [N. de Santander])], another Carriker site; Carriker, at 7,800-8,800 ft [2,375-2,700 m], 9, 17 Sept., 17 Oct. 1946 (Carriker, 1955:48; 1955, Bol. Entom. Venezolana, 11(3-4):129; USNM); Nicéforo & Olivares, 1964:8, as "Alto del Pozo, Santander."

POZO, EL; see El Pozo.

POZOS COLORADOS; Magdalena ca. 1112/7414
Sea level, salt flats and beach between Santa Marta [1115/7413 (USBGN)] and Ciénaga [1101/7415 (USBGN)] (de Schauensee, 1948:322); near Gaira [1112/7413 (USBGN)], Lehmann, 29 Apr. 1941 (Lehmann, 1945:123; Dugand, 1947a:385); Russell, Nov. 1971 (LSU).

POZO HONDO; La Guajira Not located
In central southern Península de la Guajira [1200/7130 (USBGN)], ca. 15 km SW of Roche [1105/7238 (USBGN)], Serna, 1980 and/or 1981 (Serna, 1984:2, 24).

PRADERA; Cundinamarca (de Schauensee, 1948a:322); see La Pradera.

PRADERA; Valle del Cauca 0325/7615 (USBGN)
1,075 m, in upper Cauca Valley in western foothills of Central Andes, 29 km E of Cali [0327/7631 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972a:400).

PRADERA, LA; see La Pradera.

PRADO (LACMNH); see El Prado.

PRADO, EL; see El Prado.

PRADO, RÍO; Tolima 0348/7457 (USBGN)
Right bank tributary of Río Magdalena [1106/7451 (USBGN)] entering the Magdalena ca. 8 km above Purificación [0351/7455 (USBGN)] (MHA); Río Cunday [0345/7455 (USBGN)] is shown as one of the headwaters of the Río Prado on MHA, but in Atlas, 1977 the Cunday is shown as extending to the Magdalena and the name Prado does not appear; Isaza, 27 Sept. 1969 (Iafrancesco, et al., 1987:89)

PRESIDENTE, RÍO; Norte de Santander 0836/7239 (USBGN)
An affluent of Río Sardinata [0837/7239 (USBGN)], which it joins at the Venezuelan border, rising on eastern side of northern Eastern Andes [1000/7300 (USBGN)] on Cerro Santa Helena [ca. 0825/7300 (Atlas, 1977)] (Atlas, 1977, as "Río Nuevo Presidente"; MHA, as "Río Nuevo"); collector ? [Nicéforo ?], 20 km W of Petrólea [0830/7235 (USBGN)], date ? (Nicéforo & Olivares, 1964:6, 12), and at pipeline crossing [same place?], date ? (Nicéforo & Olivares, 1966:372); Nicéforo, 29 Dec. 1948 (Iafrancesco, et al., 1987:80, as "Catatumbo, Río Presidente").

PRIMAVERA; Antioquia 0604/7538 (USBGN)
ca. 1,500 m, in northern Central Andes, 3 km S of Caldas [0605/7538 (USBGN)] and 57 km NW of Sonsón [0542/7518 (USBGN)] (MHA); Gómez, et al., on highway between Amagá [0603/7542 (USBGN)] and Primavera, 1,600-1,800 m, 17 Oct. 1990 (Anonymous, 1990b:19); Peña, et al., on highway between Amagá and Primavera, 1,600-1,800 m, 5 Oct.

1991 (Anonymous, 1991b:31); Gómez, et al., on highway between Amagá and Primavera, at 1,700 m, 16 Oct. 1989 (Anonymous, 1990c).

PRIMAVERA; Valle del Cauca Not located
1,700 m, on western slope of Western Andes, Raap, 1904 (Hellmayr, 1911:1169, 1189; Zimmer, 1943:3); apparently near the crest, near Las Cruces [ca. 0330/7640], on old road to Buenaventura [0353/7704 (USBGN)] and near San Antonio [0330/7638 (USBGN)] on eastern slope (Lehmann, 1957:143).

PRIMAVERA, LA (Blake, 1961:25); see Hacienda la Primavera.

PROVIDENCIA; Antioquia 0721/7503 (USBGN)
Alt. ?; at northeastern end of Central Andes, ca. 30 km SW of Zaragoza [0730/7452 (USBGN)] and ca. 30 km NNE of Anorí [0705/7508 (USBGN)], probably on Río Anorí [0726/7500 (USBGN)]; not on our maps; Waide, Sept. 1970-July 1971 (FMNH, as "Providencia, La Tirana"); La Tirana [ca. 0721/7503] is shown in Atlas, 1977.

PROVIDENCIA, ISLA DE; San Andrés y Providencia 1321/8122 (USBGN)
In Caribbean, 230 km E of Nicaragua (Atlas, 1977); volcanic island ca. 4-5 mi [7 km] in diameter, maximum altitude of 1,190 ft [600 m], several small streams, covered by brush and low trees, Vanderbilt and Feathers, 24-26, 28 [26 ?] Mar. 1941 (Bond & de Schauensee, 1944:11, 14, as "Old Providence"; ANSP, as "Old Providence Island"); Henderson, winter of 1886-87, including 3-17 Mar. (Cory, 1887:180; Dugand, 1947a:383; Bond & de Schauensee, 1944:16); Fisher, 23-24 Apr. 1929 (Fisher & Wetmore, 1931:3); Greenway, 13-14 Mar. 1933; Ripley, 1 Jan. 1937, and Benedict and Nye, Apr. 11 year ? (Bond & de Schauensee, 1944:19, 21); Bond, 29-30 Apr., 1-3, 5 May 1949 (Bond, 1950:51-52; ANSP); Russell, et al., 10-11 Apr. 1972 (Russell, Barlow, & Lamm, 1979:98).

PROVIDENCIA, LA; see La Providencia.

PROVINCIA; Santander 0725/7326 (USBGN)
ca. 200 m, at western base of northern Eastern Andes, on left bank of upper Río Lebrija [0808/7347 (USBGN)], 45 km NW of Bucamaranga [0708/7309 (USBGN)] and 11 km NW of Chuspas [0722/7321 (USBGN)] (MHA); Romero, 30 Aug. 1970, 20 Aug. 1972 (Olivares & Romero, 1973:47ff).

PUBENZA; Cundinamarca 0425/7446 (USBGN)
500 m (Borrero, 1960a:514); in valley of lower Río Bogotá [0418/7448

(USBGN)], 15 km from Río Magdalena [1106/7451 (USBGN)], midway between Girardot [0418/7448 (USBGN)] and Tocaima [0428/7438 (USBGN)] (MHA); cultivated, with remaining original vegetation subxerophytic or hydrophytic, collector ?, date ? (Borrero, 1960a:492, 514); said by Borrero (op. cit., p. 514) to be equivalent to La Virginia [0424/7444 (USBGN)].

PUEBLILLO; Cauca 0225/7635 (USBGN)
ca. 1,760 m, in upper valley of Río Cauca [0854/7428 (USBGN)] on eastern outskirts of Popayán [0227/7636 (USBGN)], Pazos, 15 Jan., 9 Mar. 1972 (MCZ); not on our maps.

PUEBLITO, EL; see El Pueblito.

PUEBLO LA MACARENA, LA; see El Pueblo la Macarena.

PUEBLO NUEVO; Boyacá (ANSP); see Pueblo Nuevo, Norte de Santander.

PUEBLO NUEVO; Bolívar (USNM); see Pueblo Nuevo, Córdoba.

PUEBLO NUEVO; Córdoba 0830/7531 (USBGN)
ca. 100 m, in central eastern Córdoba just S of Arenas del Sur [0835/7531 (USBGN)], 52 km SE of Montería [0846/7553 (USBGN)] and 12 km NNE of Planeta Rica [0825/7536 (USBGN)] (MHA; Atlas, 1977); Carriker, 22-29, 31 Jan., 1-2 Feb. 1949 (USNM, as "Pueblo Nuevo, Bolívar").

PUEBLO NUEVO; Norte de Santander 0814/7323 (USBGN)
1,720 m (Dugand, 1948a:182); on eastern slope of northern Eastern Andes close to divide, 4 km W of Ocaña [0815/7320 (USBGN)] (MHA); Carriker, 28 Feb [?], 28-31 Aug., 1, 4-5, 14 Sept. 1916 (Carriker, 1959a:196; CM; ANSP, also as "Pueblo Nuevo, Boyacá").

PUEBLO RICO (Atlas, 1977); see Pueblorrico.

PUEBLORRICO; Caldas (de Schauensee, 1951b:3); see Pueblorrico, Risaralda.

PUEBLORRICO; Risaralda 0512/7608 (USBGN)
1,560 m, on western slope of central Western Andes, 25 km NW of Cerro Tatamá [0500/7605 (USBGN)] (MHA; Atlas, 1977, as "Pueblo Rico"); Palmer, 4 June [?], 16, 18 Aug., 3, 6-11, 13-14 Sept., 10-11, 20, 25-30 Oct., 2-4, 6 Nov. 1909 (Hellmayr, 1911:1091ff); von Sneider, Dec. 1945 (ANSP); von Sneider, 10, 18, 21 Nov., 20-21 Dec. 1945, 11, 15-18 Feb.

1946 (UMMZ; ANSP, as "Pueblo Rico, Caldas"); de Schauensee, 1951b:3, as "Pueblorrico, Caldas."

PUEBLOVIEJO; Boyacá 0531/7252 (USBGN)
3,040 m, on eastern slope of central Eastern Andes, E of Laguna de Tota [0533/7255 (USBGN)] (MHA); collector ? [probably Mario, at Sisbaca, 0522/7252 (USBGN), which see], date ? [probably 29 Nov. 1955] (Olivares, 1958b:274, 277, as "Pueblo Viejo").

PUEBLO VIEJO; Cesar ca. 1032/7325 ?
Alt. ?; on southern side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], on trail from Valledupar [1029/7315 (USBGN)] to San Sebastián [de Rabago, 1034/7336 (USBGN)], Simons [collected ?], date ? (Todd & Carriker, 1922:122); not on our maps; possibly could be the "Pueblo Viejo" now known as Pueblo Bello [1025/7335 (USBGN)] (IGAC [Cesar]).

PUEBLO VIEJO; La Guajira (Todd & Carriker, 1922:122); see El Pueblito.

PUEBLOVIEJO; Magdalena 1100/7417 (USBGN)
Sea level, on eastern end of Isla de Salamanca [1059/7427 (USBGN)] and at northeastern corner of Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] (MHA); Brown, 21 Mar 1898 (ANSP); Smith, Sept. 1898 (Todd & Carriker, 1922:121; CM); Carriker, 7, 13, 18 Mar. 1914 (ANSP); collector ?, Mar. 1938 (Dugand, 1940a:56).

PUEENTE ANDALUCIA; Cundinamarca Not located
2,650 m, on northwestern Sabana de Bogotá, near Subachoque [0456/7411 (USBGN)] (de Schauensee, 1948a:323); González, Apr. 1913 (FMNH).

PUEENTE BOYACÁ (Nicéforo & Olivares, 1975:4); see Puente de Boyacá.

PUEENTE BURRO; Norte de Santander Not located
On Río Pamplonita [0820/7221 (USBGN)] near San Faustino [0804/7224 (USBGN)], on lower eastern slope of northern Eastern Andes, Nicéforo, 31 Dec. 1958 (Nicéforo & Olivares, 1968:274; 1976b:12; Iafrancesco, et al., 1985:64).

PUEENTE DE BOYACÁ; Boyacá 0527/7328 (USBGN)
ca. 2,700 m, in interior central Eastern Andes, 14 km SW of Tunja [0531/7322 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1975: 4, as "Puente Boyacá").

PUENTE DEL COMÚN; Cundinamarca 0452/7402 (USBGN)
ca. 2,600 m (MHA); on Sabana de Bogotá, S of Zipaquirá [0502/7400 (USBGN)] and close to Cajicá [0455/7402 (USBGN)]; not on our maps, but apparently on road from Bogotá [0436/7405 (USBGN)] to Zipaquirá; collector ?, date ? (Olivares, 1969b:106).

PUENTE DE PIEDRA; Cundinamarca ca. 0450/7405
Alt. ?; 22 km by road NE of Madrid [0444/7416 (USBGN)] (Dicc. Geog.); on Sabana de Bogotá, collector ?, date ? (Olivares, 1969b:230).

PUENTE DE POZO REAL; Antioquia Not located
Nicéforo, Mar. 1965 (Iafrancesco, et al., 1985:41).

PUENTE DE SUBA (Nicéforo, 1923:334); see Suba.

PUENTE GÓMEZ; Norte de Santander Not located
On Río Zulia [0904/7218 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1967:412).

PUENTE NACIONAL; Santander 0553/7342 (USBGN)
1,620 m, in southern Santander, on western side of Eastern Andes, 12 km W of Moniquirá [0552/7336 (USBGN)] and 32 km NNE of Chiquinquirá [0537/7350 (USBGN)] (MHA); Arvey, 27 June 1970 (UMMZ).

PUENTE NEGRO; La Guajira ca. 1100/7252
Alt. ?; in municipio of Fonseca [1050/7250 (USBGN)], 10 km NNW of Barrancas [1057/7250 (USBGN)], southeastern La Guajira, Serna, 1980 and/or 1981 (Serna, 1984:2, 23; 1992a:22).

PUENTE OSPINA; Norte de Santander Not located
On Río Zulia [0904/7218 (USBGN)], Nicéforo, 29 Oct. 1960, 12 Nov. 1969 (Nicéforo & Olivares, 1966:374 and p. 382, as "Puerto Ospina"; Iafrancesco, et al., 1985:54; 1987:76); SW of Cáchira [0744/7303 (USBGN)] (Dicc. Geog.).

PUENTE PASO DEL BURRO (Nicéforo & Olivares, 1976b:12); see Puente Burro.

PUENTE PINZÓN; Boyacá ca. 0625/7240
1,300 m, on western drainage of interior northern Eastern Andes on left bank of Río Chicamocha [0646/7312 (USBGN)] in municipality of Soatá [0625/7240 (USBGN)], Olivares and Hernández, 16 Dec. 1952 (Hernández

& Romero, 1978:353); probably is a bridge carrying road from Soatá E to Boavita [0620/7235 (USBGN)].

PUERRES; Nariño 0053/7730 (USBGN)
2,817 m (de Schauensee, 1952a:1115); near Ecuador border in interior of Andes but on western drainage, 13 km from Ipiales [0050/7737 (USBGN)] and 45 km SW of Pasto [0113/7717 (USBGN)] (MHA); Mena, 2-3, 5, 9-10, 12-13, 15-17, 20-21, 23 Aug. 1950 (de Schauensee, 1951b:2-3; UMMZ; ANSP); see, also, Escritorio.

PUERTO ARTURO; Caquetá ca. 0025S/7225
ca. 200 m, on upper Río Caquetá [0308S/6446 (USBGN)], above Rápidos Araracuara [0024S/7217 (USBGN)] and below Angostura [0027S/7231 (USBGN)], Borrero, Nov. 1980, Feb. 1981 (Borrero, 1983); not shown on our maps.

PUERTO ASÍS; Putumayo 0030/7631 (USBGN)
260 m, on upper Río Putumayo [0307S/6788 (USBGN)], 75 km SSE of Mocoa [0109/7637 (USBGN)] and close to Ecuador border (MHA); Nicéforo, Dec. 1936 (Friedmann, 1947:492); A. H. Miller, 18 Mar., 14-18 Nov. 1958 (Miller, 1960:236; MVZ); Lehmann, there and to 20 km W, at 320 m, Oct.-Nov. 1958, with known dates at the former of 2-4, 6, 11, 14 Nov. and at the latter of 12, 17 Nov. (Lehmann, 1960a:259-260; MVZ); Herschel and Bernal, 26 June-1 July 1964 (Olivares, 1966a: 379); Acevedo, 20 Jan., 1 Feb. 1965 (YPM); Brown, 21 Feb. year ?, Mar. 1960, Ridgely, 30 June year ?, Hilty and Robbins, Sept. 1978 (Hilty & Brown, 1986:202, 517, 573, 641); Fitzgerald, between Mocoa and Puerto Asís, Oct. 1958 (Lehmann, 1960a:263); Dunning, 10 km [mi ?] N, 22-23 Feb., 20 mi [32 km] N, 24-25 Feb. 1969 (ANSP).

PUERTO BARRIGÓN; Meta 0410/7301 (USBGN)
240 m (de Schauensee, 1948a:286, 323); on llanos on right bank of Río Humea [0409/7258 (USBGN)], 10 km before it joins Río Meta [0612/6728 (USBGN)], 68 km E of Villavicencio [0409/7337] (USBGN); González, date ? (Chapman, 1917:69, 641, as "Barrigón"); Nicéforo, 3 Aug. 1925, 7 Jan. 1927 (Dugand, 1945b:397; Serna, 1980:92, as "Barrigón").

PUERTO BERRÍO; Antioquia 0629/7424 (USBGN)
128 m, on western bank of middle Río Magdalena [1106/7451 (USBGN)] (MHA); swamps, thick brush, and low woods, Chapman, Fuertes, et al., 29-30 Jan. 1913 (Chapman, 1917:652); Fuertes, 18, 28 Jan. 1913 (CU); Nicéforo, date ? (Nicéforo, 1947:356); collector ?, date ? (Borrero,

1972b:399); collector ?, 15 Feb. 1969, Serna, 10 June 1972, 7 July 1978 (Serna, 1980:6, 14); Williamson, nearby, date ? (UMMZ).

PUERTO BÉLGICA; Antioquia 0740/7518 (USBGN)
ca. 100 m, in northern Antioquia on left bank of middle Río Cauca [0854/7428 (USBGN)] (Atlas, 1992); Willis, 9-11 June 1962 (Willis, 1988:138)

PUERTO BOY; Caquetá 0013/7451 (USBGN)
ca. 100 m, on Río Caquetá [0308S/6446 (USBGN)] very near Curiplaya [0016/7452 (USBGN)]; not on our maps; collector ?, date ? (Niséforo & Olivares, 1964:12).

PUERTO BOYACÁ; Boyacá 0545/7439 (USBGN)
155 m (de Schauensee, 1948a:323); on right bank of upper Río Magdalena [1106/7451 (USBGN)] opposite mouth of Río la Miel [0546/7439 (USBGN)] and 35 km N of La Dorada [0527/7440 (USBGN)] (MHA); listed by de Schauensee, 1948a:323, but with no indication of collector or date.

PUERTO CARREÑO; Vichada 0612/6722 (USBGN)
ca. 100 m, in extreme NE on Venezuelan border at junction of Río Meta [0612/6728 (USBGN)] with Río Orinoco [0837/6215 (USBGN)] (MHA); collector ?, date ? (Dugand, 1945b:400); collector ?, 13, 15, 17-18 Mar. 1971 (Olivares, 1974a:67ff).

PUERTO CAYUMBA (Borrero, 1972b:399); see Cayumba, Quebrada.

PUERTO CISPATÁ (USBGN); see Cispatá.

PUERTO COLOMBIA; Atlántico 1059/7458 (USBGN)
Sea level, old port on Caribbean, 15 km W of Barranquilla [1059/7448 (USBGN)] (Dugand, 1947c:543; Atlas, 1977); collector ?, Aug. 1898 (FMNH); Carriker, Jan.-Feb. 1916 (FMNH); Dugand, 1930 (Dugand, 1940a: 57); collector ?, 22 Nov. 1936 (Dugand, 1947a:393); collector ?, Feb., July 1939 (Dugand, 1947a:385, 390); Dugand, 18 Dec. 1944 (Dugand, 1947a: 385) and Jan. 1948 (Dugand, 1948a:175); collector ?, date ? (Borrero, 1972b:398); Easterla and George, 24 Dec. 1969 (Easterla & George, 1970:473).

PUERTO DE CHAMBA (MHA); see La Chamba.

PUERTO DE VENECIA (FMNH); see Venecia.

- PUERTO ESTRELLA; La Guajira** 1221/7119 (USBGN)
 Sea level, at northeastern tip of Península de la Guajira [1200/7130 (USBGN)] (MHA); Wetmore and Carriker, 1941 (Wetmore, 1949:162; Haffer, 1961b:374).
- PUERTO GAITÁN; Arauca** 0615/7127 (USBGN)
 ca. 100 m, on llanos on right bank of Río Casanare [0602/6951 (USBGN)], 40 km W of Puerto Rondón [0617/7106 (USBGN)] (IGAC [Arauca]); collector ?, date ? (Borrero, 1970:702; 1972b:401); collector ?, 10 Jan. 1961, 11-12, 26-27 Mar. 1971 (Olivares, 1974a:65ff); collector ?, Nov.-Dec. 1970 (WVZ); Archilia, between Puerto Gaitán and Cala [not located], 8 Apr. 1954 (Dugand, 1955:85, erroneously places Puerto Gaitán on Río Manacacias [0423/7204 (USBGN)]).
- PUERTO GIRALDO; Atlántico** 1030/7449 (USBGN)
 ca. 100 m, on left bank of Río Magdalena [1106/7451 (USBGN)], ca. 50 km S of Barranquilla [1059/7448 (USBGN)] (Atlas, 1977); Dugand, Borrero, and Cortés, 21-24 Jan. 1947 (Dugand, 1947c:530, 543, 557).
- PUERTO INÍRIDA; Guainía** 0352/6756 (Olivares, 1969a:179)
 ca. 100 m (MHA); capital of Guainía, on lower Río Iririda [0352/6752 (USBGN)], near its confluence with Río Guaviare [0403/6744 (USBGN)] and Brazilian frontier (Mapa, 1976); also known as Obando and Las Brujas, dense humid forest, drier savannas nearby, Marinkelle, 2-7 Nov. 1967 (Olivares, 1969a:179; WVZ, also as "Inírida"); Hilty and Robbins, 18-19, 26 Sept. 1978, 1979 [?] and 40 km S, 21-22 Sept. 1978 (Hilty & Brown, 1986:100, 159, 191, 210, 313, 452); Dunning, nearby, 28 Jan., 3 Feb. 1981 (ANSP, as "Inírida").
- PUERTO LEGÚIZAMO; Putumayo** 0012S/7446 (USBGN)
 ca. 100 m, on left bank of Río Putumayo [0307S/6758 (USBGN)], extreme eastern Putumayo (Atlas, 1977); Rivera, Aug. 1947 (Dugand, 1948a:170, as "Caucayá"); Marinkelle, 25 June 1968, 8 Aug. 1969 (WVZ, also as "Legúizamo"; UMMZ).
- PUERTO LIMÓN; Cesar** (Olivares & Romero, 1973:49); see Limón, Rincón del.
- PUERTO LIMÓN; Putumayo** 0103/7630 (USBGN)
 370 m, in extreme northern Putumayo on left bank of Río Mocoa [0103/7637 (USBGN)], 3 km before its confluence with Río Caquetá [0308/6446 (USBGN)] and 17 km SE of Mocoa [0109/7637 (USBGN)] (MHA); collector ?, date ? (Dugand, 1951b:162).

PUERTO LÓPEZ; La Guajira 1155/7117 (USBGN)
Sea level, at narrow mouth of Bahía Tukakas [1155/7119 (USBGN)] on eastern side at tip of Península de la Guajira [1200/7130 (USBGN)]; Wetmore and Carriker, 22-23 Apr. 1941 (Wetmore, 1941:203; 1946a:52; 1965:161).

PUERTO LÓPEZ; Meta 0405/7258 (USBGN)
ca. 200 m, in llanos on left bank of Río Metica [0410/7256 (USBGN)], 75 km ESE of Villavicencio [0409/7337 (USBGN)] (MHA); Nicéforo, 11, 29 Nov. 1939, 18 Nov. 1943 (Nicéforo, 1945:373; 1947:337, 358); Dugand, Jan. 1942, collector ?, 16, 20 May 1947 (Dugand, 1948a:163, 193; 1951b:162; Olivares, 1959a:54); collector ?, 11 Mar. 1949, 1 Nov. 1957, 26 Dec. 1958, 26 Jan. 1961, 4 Feb. 1962, 25 Jan., 16 Apr. 1965, 14 Aug. 1966, 14 Oct., 16 Nov. 1967, 13-14 Oct. 1968, 24 Feb. 1969, 7 Mar. 1971 (Olivares, 1974a:66ff); Melo, date ? (Borrero, 1955:5); Borrero, Mar. ? 1956 (Borrero, 1960a:487); Romero, date ? (Olivares & Romero, 1973:45); Marinkelle, 13 Feb. 1964 (UMMZ); Acevedo, 25-27 Sept. 1965, 3 Nov. 1966; Dugand ?, 9 Nov. 1965, 18 Nov. 1967, Marinkelle, 9 Nov. 1965, 9 Sept. ?, 15 Oct., 6, 9, 14, 16, 19 Nov. 1966, 10 May, 10, 18-19 Nov. 1967, collector ? [Marinkelle ?], 23 Mar. 1964, 18 May 1971 (WFVZ; UMMZ; LACMNH); Gill, 10 km E, 21 Feb. 1970 (ANSP); Fisher, 10 mi [16 km] S, 21, 24-28, 31 Dec. 1971, 3-4 Jan. 1972, 16-17, 20-23, 29 July 1973, 45 mi [72 km] S, 21 Dec. 1971 (Collar & Wege, 1994:370; UMMZ; ANSP); collector ?, at Puerto López and at Hacienda la Morena [ca. 0405/7258], date ? (Borrero, 1972b:401); Ospina, between Villavicencio [0409/7337 (USBGN)] and Puerto López, Apr. 1955 (Borrero, 1955:6).

PUERTO MARTA (MHA); see Marta.

PUERTO MOGUE; Amazonas 0343S/7017 (Morales, 1979:3)
ca. 100 m, on left bank of Río Amaca-yacú [0348S/7019 (USBGN)], a tributary on left bank of the Amazon, ca. 10 km SE of Puerto Nariño [ca. 0349S/7026 (Atlas, 1977)] in Trapecio Amazonica (Morales, 1979:3; Atlas, 1977); Morales and Chaparro, 26 Aug. 1976 (Morales, 1979:3).

PUERTO MOSCO; Amazonas ca. 0025S/7220
ca. 200 m, in central northern Amazonas on right bank of upper Río Caquetá [0308S/6446 (USBGN)], between Rápidos Araracuara [0024S/7217 (USBGN)] and Angostura [0027S/7231 (USBGN)] (Atlas, 1977), Borrero, Nov. 1980, Feb. 1981 (Borrero, 1983); does not appear on our maps.

PUERTO NACIONAL (Wyatt, 1871:I17); see Puerto Viejo.

PUERTO NARIÑO; Amazonas ca. 0349S/7026 (Atlas, 1977)
ca. 100 m, on left bank of the Amazon at mouth of Río Loreto-yacú [0349S/7026 (USBGN)], 60 km NW of Letica [0409S/6957 (USBGN)] in Trapecio Amazonico (Atlas, 1977); formerly in Peru and formerly "Loretoyacu" (which see); Nicéforo, 14, 24-25, 29 Apr., 3, 6-7 May 1957 (Nicéforo & Olivares, 1965:37; Olivares, 1965b:273; Iafrancesco, et al., 1986:53, 54; 1987:81; 1988:127); Bernal, 23-25 July 1965, Bernal and Romero, 11-15 Mar. 1975 (Romero, 1978:1ff); Willis, et al., nearby, July, 17 Aug. 1989, Pearman, nearby, 29-30 Sept. 1990 (Pearman, 1993:67, 69, 71, 72).

PUERTO NIÑO; Boyacá 0557/7436 (USBGN)
ca. 100 m, on right bank of middle Río Magdalena [1106/7451 (USBGN)], ca. 20 km downstream from Puerto Boyacá [0545/7439 (USBGN)] (MHA); in Atlas, 1977, Atlas 1992, IGAC [Boyacá], and Dicc. Geog. the relative positions of Puerto Boyacá and Puerto Niño are reversed and all show Puerto Niño to be ca. 10 km *upstream* from Puerto Boyacá; Fuertes, 31 Jan. 1913 (CU).

PUERTO NUEVO; Norte de Santander ca. 0730/7235
Alt. ?; in municipio of Pamplonita [0730/7235 (USBGN)] on eastern side of northern Andes (Dicc. Geog.); at headwaters of Río Zulia [0904/7218 (USBGN)], Nicéforo, 5 Jan. 1961 (Nicéforo & Olivares, 1976b:4; Iafrancesco, et al., 1987:80).

PUERTO OSPINA (Nicéforo & Olivares, 1966:382); see Puente Ospina.

PUERTO PATIÑO; Valle del Cauca Not located
On Pacific coast, collector ?, date ? (Borrero, 1970b:702; 1972b:400).

PUERTO REGLA; Antioquia 0645/7426 (USBGN)
ca. 100 m, at eastern base of northern Central Andes on Río Regla [0638/7422 (USBGN)], 14 km from its confluence with Río Magdalena [1106/7451 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1968: 285).

PUERTO REYES; Norte de Santander 0831/7236 (USBGN)
ca. 100 m, in lowlands E of northern end of Eastern Andes, on left bank of Río Sardinata [0837/7239 (USBGN)], 8 km W of Petrólea [0830/7235 (USBGN)], and 9 km SW of Venezuela border (Atlas, 1977); MHA shows too far N; collector ?, date ? (Nicéforo & Olivares, 1964:22).

PUERTO RONDÓN; Arauca 0617/7106 (USBGN)
150 m, on llanos on northern bank of Río Casanare [0602/6951 (USBGN)], Borrero, Oct. 1948 (de Schauensee, 1952a:1135, as "Rondón"); Lehmann ?, 13 Oct. year ? (Lehmann, 1960a:258, as "Rondón"); Borrero, 15 Oct., Nov. 1948 (Borrero, 1960a:507, as "Rondón" and "región de Arauca"; de Schauensee, 1951a:994; Dugand, 1951b:162, as "Rondón"); Borrero, Mar. 1956 (Borrero, 1960a:487, as "Rondón").

PUERTO SAGOC; Cesar 0838/7349 (USBGN)
225 ft [70 m] (USNM); on right bank of lower middle Río Magdalena [1106/7451 (USBGN)], 3 km NW of La Gloria [0837/7348 (USBGN)] and 26 km WNW of Ayacucho [0836/7335 (USBGN)] (IGAC [Cesar]); Carriker, 20-21, 23-30 May 1943, 19-20 Mar. 1947 (USNM).

PUERTO SALGAR; Atlántico 1101/7456 (USBGN)
Sea level, on coast 5 km NE of Puerto Colombia [1059/7458 (USBGN)] and 15 km W of Barranquilla [1059/7448 (USBGN)] (MHA, as "Salgar"); collector ?, date ? (Dugand, 1947a:391; 1947c:545, as "Salgar"; Borrero, 1972b:401); Benedict and Nye, Mar. 1884, as "Sabanilla" but this was name applied to Puerto Salgar at that period (see Sabanilla; also see Dugand, 1947c:544).

PUERTO SALGAR; Cundinamarca 0528/7439 (USBGN)
177 m (Borrero, 1972b:401); on upper middle Río Magdalena [1106/7451 (USBGN)], 2 km N of La Dorada [0527/7740 (USBGN)] (MHA); collector ? [Marinkelle ?], mid-Jan. 1967 (Olivares, 1973:125); collector ?, date ? (Borrero, 1972b:401); Marinkelle, 27 Apr., 10, 17-18, 28 Oct. 1967 (WFVZ; UMMZ).

PUERTO SANTANDER; Norte de Santander 0822/7224 (USBGN)
25 m (de Schauensee, 1948a:323); at eastern base of northern extension of Eastern Andes on Río Zulia [0904/7218 (USBGN)] at Venezuela boundary and 55 km NNE of Cúcuta [0754/7231 (USBGN)] (IGAC [N. de Santander]); Eloy, 29 Jan. 1940 (Iafrancesco, et al., 1985:53); Nicéforo, 16, 20 May 1941, 8 Jan. 1949 (Nicéforo, 1947:368; ANSP).

PUERTO TEJADA; Cauca 0314/7624 (USBGN)
980 m (Lehmann, 1957:108); in upper Cauca Valley, on lower western slopes of the Central Andes, 26 km SE of Cali [0327/7631 (USBGN)] (MHA); von Sneider, Nov. 1955 (FMNH); Lehmann, Sept. 1957 (Lehmann, 1957:108, as "Puertotejada"); Miller, 9 Oct. 1958 (MVZ); collector ?, date ? (Borrero, 1972b:402).

PUERTOTEJADA (Lehmann, 1957:108); see Puerto Tejada.

PUERTO TRIUNFO; Antioquia 0552/7439 (USBGN)
ca. 100, southeastern Antioquia on Río Magdalena [1106/7451 (USBGN)],
ca. 75 km upstream from Puerto Barrío [0629/7424 (USBGN)] (MHA;
IGAC [Antioquia]); collector ?, 10 Nov. 1969, collector ?, at Hacienda
Hezzen [not located], 2-5, 7-10 Jan., 17, 20, 25, 27-29 Mar., 4-5, 15, 16-
17, 19, 22, 24 May 1970, 23 Dec. 1972, 7 May 1979, Garcés, at Hacienda
Hezzen, 8 Jan. 1970, Serna, at Hacienda Hezzen, 15 Aug. 1968, Isaza, at
Hacienda Hezzen, 15 Aug. 1968 (Serna, 1980:6, 7, 11, 12, 22, 34, 45-46,
56, 59, 62, 67, 70-71, 81-82, 99, sometimes as "Hacienda Hezzer"); also see
comments about Hacienda Hezzen under La Pintada.

PUERTO UMBRÍA; Putumayo 0052/7633 (USBGN)
400 m (von Sneidern, 1955:40, as "Umbría"); on Río Guineo [0048/7635
(USBGN)], a tributary of Río Putumayo [0307S/6758 (USBGN)], 30 km
SSE of Mocoa [0109/7637 (USBGN)] (MHA); von Sneidern, 14-30 Nov.,
1-9, 16-22, 24, 26-29 Dec. 1947, 7-8 Jan. 1948 (de Schauensee, 1950b:10,
as "Umbría"; von Sneidern, 1954:7, as "Umbría"; 1955:40, as "Umbría";
Lehmann, 1957:145, as "Umbría"; YPM; UMMZ; ANSP, as "Umbría");
Lehmann, in vicinity, Oct.-Nov. 1958, with known date of 26 Oct.
(Lehmann, 1960a:273) and also 16 June 1967 (MVZ, as "Umbría");
Herschel and Bernal, 2 June 1964 (Olivares, 1966a:388); Willis, 18 May-2
June 1962 (Willis, 1969, Wilson Bull., 81:366; 1988:138); Pazos, 7 Sept.
1966, 16 June 1967 (MVZ, as "Umbría").

PUERTO VALDIVIA; Antioquia 0718/7523 (USBGN)
600 ft [180 m] (Chapman, 1917:652); erroneously given as 360 ft [110 m]
(Chapman, 1915b:645; 1917:62); on eastern side of narrow lower Cauca
Valley, at western base of extreme northwestern Central Andes, with
Western Andes rising sharply on other side of river (MHA); hot, slopes
heavily forested [1914], Miller and Boyle, 14-26 Dec. 1914 (Chapman,
1917:62, 652); by 1962 forest had been replaced by pasture except on
crests of ridges, Willis, 8 June 1962 (Willis, 1967, Univ. California Publ.
Zool., 79:119; 1988:138); Ordóñez, date ? (Iafrancesco, et al., 1987:91).

PUERTO VENECIA (Olson, 1973:404); see Venecia.

PUERTO VIEJO; Cesar 0821/7345 (USBGN)
ca. 70 m, abandoned port on middle Río Magdalena [1106/7451 (USBGN)],
formerly called "Puerto Nacional," replaced by Gamarra [0820/7345
(USBGN)], 2 km upstream (MHA; Atlas, 1977; IGAC [Cesar]); arid,
tropical zone (Chapman, 1917:652, as "Puerto Nacional"); Wyatt, Jan.

1870 (Wyatt, 1871:117, as "Puerto Nacional"); Brown, 20-22 Jan., 19-21, 23, 25-26 Mar. 1899 (MCZ; some of these dates are the same as those at other Brown localities); also see Gamarra..

PUERTO VILLAMIZAR; Norte de Santander 0819/7226 (USBGN)
25 m, at eastern base of northern Eastern Andes on upper Río Zulia [0904/7218 (USBGN)] where joined by Quebrada Floresta [0819/7226 (USBGN)] close to Venezuelan border and 50 km NNE of Cúcuta [0754/7231 (USBGN)] (MHA); Nicéforo, 1947:368; 1948:204.

PUERTO WILCHES; Santander 0721/7354 (USBGN)
66 m, on right bank of middle Río Magdalena [1106/7451 (USBGN)], 32 km N of Barrancabermeja [0703/7352 (USBGN)] (MHA); mean temperature 28 ° C, savannas, Romero, in Municipio de Puerto Wilches [0735/7340 (USBGN)] but outside of town (except for one 1971 record) at Sabana de Torres [0724/7330 (USBGN)], Quebrada Cayumba [0715/7341 (USBGN)], etc., which see (Olivares & Romero, 1973:45ff); Palmer, 40 mi [62 km] E, 19 Aug. 1928 (MVZ); Chapman, 1917:652, as "Puerto Wilche"; collector ?, date ? (Borrero, 1972b:399).

PUERTO ZAPOTE (de Schauensee, 1948a:324); see Cispatá.

PÚLPITO, CERRO DEL; Cauca Not located
Apparently in Pacific drainage of upper valley of Río Patía [0213/7840 (USBGN)] in municipality of El Bordo [= municipality of Patía, 0206/7755 (USBGN)] near Corrales [not located] and Diego-Pérez [not located]; Lehmann, date ? (Lehmann, 1944a:188).

PUNTA ARENAS, ISLA (Ralph & Chaplin, 1973:357); see Arenas, Punta.

PUNTA DE POLONIA (MHA); see Punta Polonia.

PUNTA POLONIA; Atlántico 1029/7502 (USBGN)
ca. 10 m, in southern Atlántico at southern end of Ciénaga de Guájaro [1034/7502 (USBGN)], 10 km NW of Manatí [1027/7458 (USBGN)], and 11 km E of Repelón [1030/7508 (USBGN)] (MHA, as "Punta de Polonia"); Brown, 21 May 1898 (ANSP); collector ?, date ? (Dugand, 1939:541).

PUPIALES; Nariño 0053/7738 (USBGN)
3,014 m, located deep in interior of the Andes, but on the Pacific drainage, 7 km NNW of Ipiales [0050/7737 (USBGN)] and 7 km NE of Ecuador boundary (MHA); collector ?, date ? (Nicéforo & Olivares, 1964:23).

PURACÉ; Cauca

0224/7627 (USBGN)

2,646 m (de Schauensee, 1948b:324); on western slope of southern Central Andes, 18 km ESE of Popayán [0227/7636 (USBGN)] and 9 km NW of Volcán Puracé [0221/7623 (USBGN)], on road across Andes (MHA); von Sneider, at 3,400-3,450 m, 14, 20-22 Feb. 1938 (Gyldenstolpe, 1941:2ff; UMMZ); von Sneider, altitude ?, 15, 20 Feb., 21 Dec. 1938, 10 Mar., 1 Apr., May 1939, 25-26, 28 Jan., 26 Feb., 29 June 1940, May 1951 (FMNH; YPM; ANSP); Orozco, 15 Sept. 1951 (Lehmann, 1957:116-117); Carriker ranged widely in vicinity, up to 12,000 ft [3,650 m], including some collecting at a sulfur mine and at Aguas Blancas [not located], described as 6 km from Puracé, on southern side of Volcán Puracé, 23-26, 28-29, 31 Jan., 1-2, 4-9, 11-15, 20-21 Feb. 1952 (USNM); Carriker, 21-23, 26, 28 Feb., 1 Mar. 1954 (YPM); Wallace, 28 Dec. 1955 (Wallace, 1965:5); Lehmann, 28 Feb. 1944 and other dates ? (Lehmann, 1957:139; 1960a:264); A. H. Miller, 5 km E, at 8,900 m [2,700 m], 2 Apr. 1958 (MVZ); Carriker, 8, 17 Oct. 17 Nov. 1958 (LACMNH), 27 Aug. 1960 (WVZ); Silliman, at 3,050 m, 7 km E of Puracé, 18 Apr. 1972 (Lehmann, Silliman, & Eisenmann, 1977:385); collectors and authors have not always clearly distinguished between the páramo, town, and volcano.

PURACÉ, PÁRAMO DE; Cauca/Huila

ca. 0224/7623

3,400-3,800 m (de Schauensee, 1948b:324; Gyldenstolpe, 1941:12); although there seems to be no geographical entity bearing this name, it appears in the ornithological literature and is understood to mean the páramo surrounding Volcán Puracé [0221/7623 (USBGN)], in the national park, at the crest of the southern Central Andes, 27 km SE of Popayán [0227/7636 (USBGN)] and containing Laguna San Rafael [0225/7625 (USBGN)] (which also see); von Sneider, 3,700-3,800 m, 13 Feb. 1938; Carriker, 28 Feb., 7 Mar., 1952 (USNM), Feb. 1956, 14, 16 Oct. 1958 (FMNH; LACMNH), 27 May (WVZ), 27 Sept. 1959 (LACMNH); Lehman, 5 Aug. 1958 (Lehmann, 1959a:223); Arvey, in "Puracé uplands," 25 May 1960 (LACMNH); Barrera, Feliciano, and others, 7 Aug. 1990, 5 Aug., 12 Oct. 1991, Dec. 1993, Jan. 1994 (Barrera & Feliciano, 1994); collectors and authors have not always clearly distinguished between the páramo, town, and volcano.

PURACÉ, PARQUE NACIONAL NATURAL; see Puracé, Volcán.

PURACÉ, VOLCÁN; Cauca

0221/7623 (USBGN)

4,700 m, crest of southern Central Andes, 27 km SE of Popayán [0227/7636 (USBGN)] (MHA); site of national park; Delattre, before 1846 (Delattre & Bourcier, 1846:307); Lehmann, in region, June 1937 (Lehmann, 1944b:408); R. Lehmann, at 3,000 m, S of volcano, Feb. 1957

(Lehmann, 1957:127); A. H. Miller, on northern and northeastern sides, at 10,100-10,200 ft [3,100 m], 2 Apr., on northern side at 11,200 ft [3,400 m], 20 May 1958 (MVZ); Willis, 7 Apr. 1962 (Willis, 1988:138); Silliman, at 3,050 m, 18 Apr. 1972 (Lehmann, Silliman and Eisenmann, 1977:387); Dunning, 10 Dec. 1969, 4, 7 Apr. 1973 (ANSP); Ridgely, 16 July 1975, Hilty, 11 Aug. 1978, Hilty, et al., on northeastern side at 3,400 m, 18 Aug. 1979, on eastern side, late June, year ?, Silliman, May year ?, Brown, 22 Mar. year ?, Ridgely and Hilty, 12 Feb. 1984, Hilty and Loetscher, at Km 143 on Popayán/Neiva [0256/7518 (USBGN)] road, July 1976, Hilty, et al., at Km 35 on Coconuco [0220/7628 (USBGN) road, June 1980 (Hilty & Brown, 1986:95, 107, 212, 260, 281, 524, 620); Tye and Tye, at 3,700 m and ca. 3,800 m, 28 Nov. 1988 (Tye & Tye, 1990); Negret, at Laguna Sánchez [not located], on Páramo de las Lagunas [not located], in northern part of Parque Nacional Natural Puracé [0211/7622 (WCMC)], Mar. 1989 (Negret, 1997a:46); various observers, in national park, 3 June 1990, 1 July 1991 (Lieberman, et al., 1993:84-85); collectors and authors have not always clearly distinguished between the páramo, town, and volcano.

PURÍ; Antioquia 0725/7520 (USBGN)
140-200 m (Hershkovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 925); at western base of northern Central Andes at confluence of Quebrada Purí [0725/7520 (USBGN)] and Río Cauca [0854/7428 (USBGN)], 20 km S of Cáceres [0735/7520 (USBGN)] (MHA); Hershkovitz, July 1950 (Hershkovitz, 1977:925; Blake, 1955:9, 11).

PURIFICACIÓN; Huila (Nicéforo, 1923:328); see Purificación, Tolima.

PURIFICACIÓN; Tolima 0351/7455 (USBGN)
292 m, on left bank of upper Río Magdalena [1106/7451 (USBGN)], 12 km SE of Saldaña [0356/7501 (USBGN)] and 35 km NNE of Natagaima [0337/7506 (USBGN)] (MHA); probable source of "native-made" specimens (Chapman, 1917:652); collector ?, Sept. 1923, Feb. 1924 (Iafrancesco, et al., 1985:59; 1987:122); Nicéforo ?, Sept. 1920 (Nicéforo, 1923:328, as "Purificación, Huila"); Nicéforo, July 1922 (Iafrancesco, et al., 1985:52), Mar. 1938 (Friedmann, 1947:488); collector ?, date ? (Nicéforo, 1947:331).

PURO, COCHA DE EL; see El Puro, Cocha de.

PUSNÁ, CERRO; Cauca ca. 0235/7620
ca. 3,500 m, in municipio Totoró [0235/7620 (USBGN)] (Dicc. Geog.); on

western slope of Central Andes, collector ?, at 2,700 m, date ? (Dugand, 1942:71).

PUTUMAYO, INTENDENCIA DEL

0030/7600 (USBGN)

Southern Colombia on Ecuador/Peru border; extends from eastern side of Andes out into eastern lowlands; bordered by Nariño to W, Cauca to N, Caquetá to E, and Amazonas to S; the Río Putumayo [0307S/6758 (USBGN)] is the major southern boundary and Río Caquetá [0308S/6446 (USBGN)] that on the north; lightly populated; Mocoa [0109/7637 (USBGN)] only sizable town; Hilty, W Putumayo, at 1,800 m, 2 Sept. 1978 (Hilty & Brown, 1986:618).

PUTUMAYO, RÍO

0307S/6758 (USBGN)

Major river, forming much of southeastern boundary of Colombia, originating on eastern slope of Andes, SE of Pasto [0113/7717 (USBGN)] and discharging into the Amazon in northwestern Brazil (MHA); Millán, on upper Putumayo S of Mocoa [0109/7637 (USBGN)], date ? (Dugand, 1948a:193); collector ?, date ? (Borrero, 1972b:402).

QUABO, EL; see El Quabo.

QUEBRADÓN, RÍO

Not located

In Moscopán [ca. 0220/7605 (USBGN)] region of southern Central Andes, Lehmann, 22 May 1958 (MVZ, as "Río Quebradón, Moscopán"); there are several streams with this name in the Huila/Cauca region; not Quebrada Quebradón [0230/7521 (USBGN)] on the southern Eastern Andes.

QUEMADO, CERRO (Todd & Carriker, 1922:124); see San Lorenzo, Cuchilla.

QUENANE; Meta

ca. 0406/7321 (MHA)

1,350 ft [400 m], 35 km ESE of Villavicencio [0409/7337 (USBGN)] on right bank of Río Ocoa [0408/7315 (USBGN)] (MHA; FMNH); may be an earlier name for Peralonso [0406/7321 (USBGN)], which see; Nicéforo, 22 Apr. 1940, von Sneidern, Dec. 1940 (FMNH); Lehmann, July, 5 Dec. 1940

(Lehmann, 1957:129, 152; ANSP); Dugand and Lehmann, 22 Feb. 1941 (Dugand, 1941a:57); Filiberto, 25 July 1944 (Nicéforo, 1948:208); collector ?, July 1945, Nicéforo, 20 Jan., 9 Feb. 1945, 12, 27 Mar., 1, 27 Apr., 8, 14 May 1946, Lehmann and Dugand, date ? (Nicéforo, 1947:319ff; Renjifo, 1950:540ff); Cortés, 13 May 1947 (ANSP); Esteban, 29 July 1946, Nicéforo, 30 Jan., 2 Feb., 2 Nov. 1950, 6-7 Apr. 1953, 7 Dec. 1957, 28 June, 28 Nov. 1958 (Serna, 1980:37, 42; Iafrancesco, et al., 1985:50; 1986:49; 1987:75, 79, 88, 103; 1989:139); Borrero, date ?, Lehmann and Borrero, date ? (Dugand, 1941b:357, 358); collector ?, 25 Jan. year ?, 15 May 1947 (Dugand, 1948a:172; 1951b:162).

QUENANE, CAÑO; Meta ca. 0406/7321 (MHA)
300 m, stream fringed by dense forest, ca. 35 km ESE of Villavicencio [0409/7337 (USBGN)] (de Schauensee, 1948a:324); no "Caño" Quenane appears on MHA but Quenane is shown as a settlement on Río Ocoa [0408/7315 (USBGN)] and presumably this is at the mouth of stream; USBGN has neither settlement nor stream; Peralonso [0406/7321 (USBGN)], which see, may be more recent name for village of Quenane; Borrero, date ?, Lehmann, 16 Aug. 1942, Idinael, July 1945, Nicéforo ?, 27 Mar. 1946, Nicéforo, 2 Feb., 2 May 1950 (Nicéforo, 1945:373-379; 1947:354ff; Iafrancesco, et al., 1985:42; 1987:79).

QUEREMAL; Valle del Cauca 0331/7643 (USBGN)
4,800 ft [1,450 m], on western slope of Western Andes on Río Digua [0336/7657 (USBGN)], at Km 51 on old Buenaventura [0353/7704 (USBGN)]/Cali [0327/7631 (USBGN)] road, Sibley and Duran, 8 June, Sibley and Lehmann, 27 July 1956 (Sibley, 1958:449; CU; Mapa, Valle, 1973; Atlas, 1977, as "El Queremal"); A. H. Miller, 25 Apr. 1958 (MVZ); collector ?, date ? (Borrero, 1968b:29); Willis, at 4,500 ft [1,400 m], 13, 15-29 Mar., 1962, 2 Apr. 1965 (Willis, 1966a:475; 1966b:479; 1988:138, 139); Hilty, at 1,450 m, May 1972-June 1973, with known specific dates of 5 Oct. 1972, at 1,650 m, Feb., 3 Mar., at 1,800 m, 30 Mar. 1973, Kaestner, 17 Aug. year ? (Hilty, 1977:46-47; 1980:266; Hilty & Brown 1986:382, 616); collector ?, date ? (Borrero, 1970b:702; 1972b:400).

QUETAME; Cundinamarca 0420/7351 (USBGN)
1,531 m, on eastern slope of central Eastern Andes, 38 km SE of Bogotá [0436/7405 (USBGN)] and 33 km NW of Villavicencio [0409/7337 (USBGN)] (MHA); probable source of many "Bogotá" trade skins (de Schauensee, 1948a:324); trees near water courses, but hillsides with grass or brush, temperate, subtropical, and tropical zones meet in region, Chapman, Fuertes, et al., 25-27 Feb. 1913 (Chapman, 1917:55, 652; CU); collector ?, 12 June 1916 (CU); Nicéforo ?, Nov. 1922 (MCZ).

QUÍA, CERRO (Haffer, 1975:73); see Quía, Cerros de.

QUÍA, CERROS DE; Chocó 0735/7727 (USBGN)
50 m, ridge forming central portion of boundary between Chocó and Panama (MHA); Galindo, date ? (Haffer, 1975:73, as "Cerro Quía").

QUIBDÓ; Chocó 0542/7640 (USBGN)
54 m, on upper Río Atrato [0817/7658 (USBGN)] in lowlands between western base of Western Andes and coastal Serranía de Baudó [0600/7705 (USBGN)]; collector ?, Jan. 1881 and Kerr, Sept. 1912 (FMNH); Carriker, 6-16, 18-23 Mar. 1918 (Todd, 1919:115; Carriker, 1955:61, 62; YPM; CM); Hilty, Feb. 1978, Hilty and Bailey, 10 Mar. 1978 (Hilty & Brown, 1986:248, 573).

QUIEBRA, LA; see La Quiebra.

QUILCACÉ; Cauca 0220/7650 (USBGN)
970 m, headwaters of Río Patía [0213/7840 (USBGN)] on Río Quilcacé [0211/7700 (USBGN)], 33 km SW of Popayán [0227/7636 (USBGN)] (MHA, as "Quilcase"); Correa, 15 Nov. 1949 (Lehmann, 1957:117).

QUILCASE (MHA); see Quilcacé.

QUILICHAO (de Schauensee, 1952a:1134); see Santander.

QUIMARÍ (de Schauensee, 1950b:2); see Quimarí, Alto de.

QUIMARÍ, ALTO DE; Córdoba/Antioquia 0807/7623 (USBGN)
2,000 m (MHA; Mapa, 1976), ca. 1,100 m (Haffer, 1959:5), 1,500 m (Atlas, 1977), to 1,200 m (de Schauensee, 1952a:1135); W of Río Sinú [0924/7549 (USBGN)] and 36 km E of Turbo [0806/7642 (USBGN)] (MHA); mountain covered by deciduous forest, von Sneidern, eastern slope, 400-700 m, 24 Feb., 2-3, 11 Mar.-6, 9, 13 May 1949 (de Schauensee, 1950b: 2ff, as "Quimarí"; 1950c:111ff; 1952a:1135; UMMZ, as "Quimarí"; ANSP, as "Quimarí").

QUINDÍO; Risaralda/Quindío ca. 0430/7540
General term for western side of Central Andes from Pereira [0449/7548 (USBGN)], Risaralda S to Río Barragón [0424/7548 (USBGN)] region near Génova [0418/7547 (USBGN)], Quindío (de Schauensee, 1948a:324; Atlas, 1977); collector ?, date ? (Todd, 1916, Bull. Amer. Mus. Nat. Hist., 35:552, as "West Quindío Andes, Cauca"); Goudot, in Quindío region, ca. 1827 (Palmer, 1918:240); collector ?, 1909 (Nicéforo, 1940:321, as

"Quindío"); collector ?, 1942 (Iafrancesco, et al., 1988:119-120); Boucard, 1892:75, as "Quindiu."

QUINDÍO, BOQUERÓN DEL; Quindío 0438/7532 (USBGN) ?
3,480 m, pass in Central Andes on now abandoned trail between Salento [0438/7534 (USBGN)] on W and Ibagué [0427/7514 (USBGN)] on E (de Schauensee, 1948a:324, as "Quindío Pass"); Boquerón del Quindío does not appear on our maps, although a trail is shown on MHA, but that trail swings SE from Salento and reaches its highest point at ca. 0433/7529; it would appear, therefore, that the USBGN coordinates for Boquerón del Quindío are too far W and N; this would explain why de Schauensee's altitude appears to be too high for the location of the pass as indicated by the USBGN coordinates and why he gave a latitude of 0433; Fuertes, 18 May 1911 (CU, as "Quindío Pass"); Allen and Miller, short distance W of Boquerón de Quindío at Laguneta [ca. 0435/7530], 28 Aug.-13 Sept. 1911 (Chapman, 1917:32, 647).

QUINDÍO, DEPARTAMENTO DEL 0430/7540 (USBGN)
Smallest department in country; formerly part of Caldas; on western slope of middle Central Andes, bordered on N by Risaralda, on E and SE by Tolima, and on W and SW by Valle del Cauca; Armenia [0431/7541 (USBGN)] is the major city.

QUINDÍO, RESERVA NATURAL CAÑON DEL; see Alto Quindío Acaime, Reserva del.

QUINDÍO PASS (de Schauensee, 1948a:324); see Quindío, Boquerón del.

QUINDIU (Boucard, 1892:75); see Quindío.

QUINTA, CORDILLERA DE LA Not located
Nicéforo ?, date ? (Nicéforo, 1940:319, 321).

QUINTANA (Lehmann, 1943c:185); see La Quintana.

QUINTANA, LA; see La Quintana.

QUINTA TERESA; Norte de Santander Not located
On eastern side of northern Eastern Andes, near Cúcuta [0754/7231 (USBGN)], Nicéforo, 16 Mar., 11 Aug. 1944 (ANSP, as "Cúcuta; Quinta Teresa").

- QUITASUEÑO, BANCO DE; San Andrés y Providencia ca. 1430/8100
(Chirivi, 1988:280)
Shoal in Caribbean, ca. 150 km E of Nicaragua and 150 km N of Providencia [1321/8122 (USBGN)] (Atlas, 1977); Chirivi, May 1975 (Chirivi, 1988:284).
- QUITACALZÓN, QUEBRADA; Cauca Not located
1,000 m, in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on slopes of Cerro Munchique [0232/7657 (USBGN)], Negret, May 1990 (Negret, 1991:41).
- RABÓN, CIÉNAGA; Santander ca. 0735/7340
Alt. ?; in municipio of Puerto Wilches [0735/7340 (USBGN)], in middle Magdalena Valley, Romero, 11 Aug. 1971 (Olivares & Romero, 1973:49).
- RAFAEL REYES; Cundinamarca 0431/7436 (USBGN)
455 m, on railway in valley of Río Bogotá [0418/7448 (USBGN)] at western base of central Eastern Andes, 35 km NE of Girardot [0418/7448 (USBGN)] (MHA, as "Apulo"); collector ?, date ? (Olivares, 1969b:348, as "Apulo").
- RAMÍREZ; Boyacá (ANSP); see Ramírez, Norte de Santander.
- RAMÍREZ; Norte de Santander 0748/7305 (de Schauensee, 1948a:325)
2,000 m, on western slope of northern Eastern Andes, 4 km N of Cáchira [0744/7303 (USBGN)] (IGAC [N. de Santander]); Carriker, 5-7, 9-12 17-21 Oct. 1916 (Carriker, 1955:52, 63; WFVZ; CM; ANSP, also as "Ramírez, Boyacá"); Dugand, 1948a:183, says Carriker ranged from 2,000 to 3,000 m.
- RAMO, CUCHILLA DEL; Santander 0650/7319 (USBGN)
ca. 2,500 m, ridge in central Santander, Andrade, on watershed of Quebrada Zapatoca [0656/7313 (USBGN)], altitude unknown, May 1979 (Romero, 1983:777, 785).

RANCHERÍA, RÍO; La Guajira 1134/7254 (USBGN)
Rises on eastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and flows NE and then NW to Caribbean coast at Ríohacha [1133/7255 (USBGN)] (MHA, also as "Río Calancala"); von Sneider and Lehmann, 8-11 Apr. 1941 (Lehmann, 1946:219; 1957:128; FMNH); Carriker, 1941 (USNM); Haffer, in vicinity, July 1960 (Haffer, 1961b:374ff); Donahue, at mouth, 6 Aug. 1974 (Hilty & Brown, 1986:268); Serna, 1980 and/or 1981 (Serna, 1984:19); Nicéforo & Olivares, 1965:55, as "Río Rancherías"; see, also, Ríohacha.

RANCHERÍAS, RÍO (Nicéforo & Olivares, 1965:55); see Ranchería, Río.

RANCHO CASTILE (MCZ); see La Castilla.

RANCHO CLEMTINO; Valle del Cauca ? Not located
Batty, 5 Apr. 1898 (MCZ).

RANCHO GRANDE, FINCA; see Finca Rancho Grande.

RANCHO GRANDE, LAGO; Meta ca. 0405/7235
Alt. ?; small, shallow lake ca. 40 km E of Puerto López [0405/7258 (USBGN)], northern central Meta, Coesel, et al., Mar. 1985 (Coesel, et al., 1988:199); not shown on our maps.

RAPOSO; Valle del Cauca ca. 0338/7705 (MHA)
ca. 50 m, on Pacific coastal plain on middle Río Raposo [0343/7708 (USBGN)], 10 km inland from Pacific and 28 km S of Buenaventura [0353/7704 (USBGN)] (MHA); Borrero, date ? (Borrero, 1968b:29); collector ?, date ? (Haffer, 1967a:350).

RAPOSO, RÍO; Valle del Cauca 0343/7708 (USBGN)
River rising in Western Andes and flowing NW to empty into the Pacific, 23 km SSE of Buenaventura [0353/7704 (USBGN)] (Atlas, 1977); collector ?, date ? (Cantillo, 1983:72); Marinkelle, 15-16, 19-20 Apr., 1 May 1962 (WVZ; UMMZ); also see Virus Field Station.

RASTRA, LA; see La Rastra.

RAYA, CIÉNAGA DE LA; see La Raya, Ciénaga de.

RAYA, LA; see La Raya.

RAYITA, QUEBRADA LA; see La Rayita, Quebrada.

RAYO, QUEBRADA; Antioquia 0734/7521 (USBGN)
 Short tributary of lower Río Cauca [0854/7428 (USBGN)] rising on northeasternmost limits of Western Andes and joining the Cauca across from Cáceres [0735/7520 (USBGN)] and S of Tarazá [0735/7521 (USBGN)] (MHA; IGAC [Antioquia]); Carriker, 22 Jan. 1948 (YPM, as "Río Rayo"); collector ?, near confluence with Río Cauca, date ? (Niséforo & Olivares, 1966:374); collector ?, between Quebrada Rayo and Río Tarazá [0735/7521 (USBGN)], date ? (Niséforo & Olivares, 1966:381); Gabriel and Casallas, between Quebrada Rayo and Caucasia [0800/7512 (USBGN)], 17 Jan. 1963 (Niséforo & Olivares, 1967:424; Iafrancesco, et al., 1985:52; 1987:89, 99); collector ?, 9 Mar. 1962, 5, 8, 10, 15, 17, 20 Jan. 1967, 3, 5, 7, 10, 17, 20, 28 Jan. 1969, Isaza, 5 Apr. 1968, Serna, 15 July 1966, 5 Jan. 1967, 28 Jan. 1969, collector ? [Serna ?], at Hacienda El Rayo [not located], 5, 20 Jan. 1967, 3 Jan. 1969 (Serna, 1980:5, 6, 9, 11, 16, 17, 38, 48, 50, 63, 67, 75, 85, 90, 103, as "Río Rayo" or "El Rayo").

RAYO, RÍO (Serna, 1980:5); see Rayo, Quebrada.

REAL, EL; see El Real.

RECREO, EL; see El Recreo.

REFUGIO (WVZ); see La Macarena, Serranía de.

REFUGIO MACARENA (WVZ); see La Macarena, Serranía de.

REGADERA, LA; see La Regadera.

REGENERACIÓN; Bolívar 0806/7438 (USBGN)
 ca. 100 m, on upper Quebrada de San Marcos [0819/7434 (USBGN)], a tributary to right bank of middle Río Cauca [0854/7248 (USBGN)], that rises on western slope of northern Central Andes and meets the Cauca at La Raya [0820/7434 (USBGN)] (MHA); Regeneración placed too far E on MHA; Carriker, 6-14, 16-21 Feb. 1948 (USNM).

REGLA, PUERTO; see Puerto Regla.

REMEDIOS; Magdalena Not located
 Collector ?, date ? (Borrero, 1972b:396).

REMEDIOS; Antioquia 0702/7441 (USBGN)
 770 m, near source of Río Ité [0700/7415 (USBGN)], a tributary of Río Cimitarra [0728/7355 (USBGN)] which is an affluent of Río Magdalena

[1106/7451 (USBGN)], in small valley on eastern slope of northeastern extension of Central Andes (MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); Willis, 1-9, 11-14 May 1962 (Willis, 1967, Univ. California Publ. Zool., 79:119; Willis, 1988:138); Nicéforo, 9, 13 Jan. 1968, Isaza, 22 July 1969 (Iafrancesco, et al., 1987:98, 103); Serna and Arbeláez, 8 Oct., Isaza, 30 Dec. 1970, collector ?, 30 Aug. 1972 (Serna, 1980:21, 43); Serna, 22-23 Dec. 1980 (Iafrancesco, et al., 1985:59; 1987:89); also see Hacienda El Amparo and San Martín, Antioquia.

REMOLINO; Magdalena 1042/7443 (USBGN)
7 m, on right bank of Río Magdalena, 38 km S of Barranquilla [1059/7448 (USBGN)]; Chapman, Fuertes, et al., 25 Jan. 1913 (Chapman, 1917:50, 653; CU); collector ?, 15 Jan. 1939 (Dugand, 1948a:162); Dugand, between Remolino and Ponedera [1038/7445 (USBGN)], Sept. 1934, Aug. 1943 (Dugand, 1947a: 385).

REMOLINO; Meta 0417/7236 (USBGN)
ca. 200 m, north-central Meta on right bank of Río Meta [0612/6728 (USBGN)], almost across from mouth of Río Túa [0419/7237 (USBGN)] (MHA); collector ?, 15 Feb. 1968, 13-15 Feb. 1969, 15 Feb. 1970 (Olivares, 1974a:71ff).

RENAGA (de Schauensee, 1952a:1135); see Ciénaga.

RENGIFO, PICO (Blake, 1962:70); see Renjifo, Pico.

RENJIFO, PICO; Meta ca. 0306/7355 (Philipson, et al., 1951:189 (map))
5,500 ft [1,700 m], highest peak in Serranía de Macarena [0245/7355 (USBGN)], located near northern end of range, name coined in 1950, Doncaster and Balcazar, 29-30 Jan. 1950 (Philipson, et al., 1951:188ff; Blake, 1962:70ff, as "Pico Rengifo"); Nicéforo, 20 Apr. 1950 (Iafrancesco, et al., 1989:141, as "Pico Rengifo"); as noted by de Schauensee (1952a:1130), longitude on map accompanying Philipson, et al., 1951 is labeled one degree too far E [longitude given above has been corrected]; von Sneider, on slope at 1,000 m, 9 Mar., and at 1,500 m, 28 Mar.-2 Apr. 1957 (Blake, 1959:5, 8); Nicéforo & Olivares, 1965:43, as "Pico Rengifo, Boyacá."

RESTREPO; Meta 0415/7333 (USBGN)
ca. 500 m, on lower eastern slope of central Eastern Andes, 15 km NE of Villavicencio [0409/7337 (USBGN)] (MHA); Nicéforo, at Restrepo, 28 Dec. 1949 (Serna, 1980:28), 9 Feb. 1950, and S of Restrepo, 14, 16, 20 Dec. 1948, 20 Dec. 1949, 9 Feb., 27 Mar. 1950 (Nicéforo, 1945:374, 385;

Iafrancesco, et al., 1987:72, 95, 111, 114; 1989:149) and between Restrepo and Villavicencio, 28-29 July 1930 (Nidéforo, 1947:375); Marinkelle, 29 June 1967 ?, 10 Nov. 1968, 19 Mar., 20 June 1969 (WVZ; UMMZ).

RESTREPO; Valle del Cauca 0348/7631 (USBGN)
ca. 2,000 m, S of Embalse de Calima [ca. 0350/7630 (Atlas, 1977)] on western slope of Western Andes, 26 km SW of Buga [0354/7617 (USBGN)] and 38 km NW of Palmira [0332/7616 (USBGN)] (MHA; Atlas, 1977); Marinkelle, 10 Feb. 1968 (WVZ, as "Restrepo Calima"), 20 June 1968 [?], 20 June 1969 (UMMZ); collector ?, date ? (Cantillo, 1983:72).

RESTREPO CALIMA (WVZ); see Restrepo, Valle del Cauca.

RETIRO; Antioquia 0604/7530 (USBGN)
2,226 m, 23 km SSE of Medellín [0615/7535 (USBGN)] on eastern drainage of interior northern Central Andes (MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); collector ?, 5 June 1966 (Serna, 1980:42); also see El Retiro, Antioquia.

RETIRO; Bolívar (MHA); see El Retiro.

RETIRO, EL; see El Retiro.

REYES, PUERTO; see Puerto Reyes.

RICAUARTE; Nariño 0113/7759 (USBGN)
1,250 m, on Pacific slope, near Ecuador border, at mouth of Río el Guabo [0112/7759 (USBGN)] in valley of Río Güiza [Atlas, 1977 as "Río Cualquer," 0122/7836 (USBGN)] (MHA; Mapa, 1976; Atlas, 1977); subtropical, on upper edge of coastal forest, grassy open country to E, Richardson, 12-30 Sept. 1912 (Chapman, 1917:50, 653); von Sneider, 28 Feb., 3, 5, 7-8, 17, 20, 26-31 Mar., 1-30 Apr., 1-7, 9, 25-26, 29 May, 4 Aug., 4 Oct. 1941 (de Schauensee, 1944a:4; UMMZ; ANSP); von Sneider, at 1,000-1,170 m, 8-9, 24 Jan. 1947 (von Sneider, 1954:7, 12; 1955:35); von Sneider, altitude ?, 22 Dec. 1946, 1, 3, 7, 11, 14-15, 19, 21 Jan., 1 Dec. 1947, 20 June 1957, 3, 9 Apr., 20 May 1958 (Blake, 1959:3, 6; YPM; ANSP); Carriker, at 1,200 m, 14-29 June 1957 (LACMNH), at 1,500 m, 17-20, 22, 24-28 June 1957 (FMNH; LACMNH; MVZ), at 2,000 m, 21, 31 Mar. 1958 (LACMNH), 1-3, 5-9, 10-12, 19 Apr., 20-22, 24, 31 May 1958, at alt ?, 31 Mar., 8, 11 Apr., 24 May 1958 (YPM; UMMZ; LACMNH), at 2,500 m, 1-3, 5-12, 17 Apr., 1, 23 May 1958, at 2,200 m, 2-3, 7, 11-12, 21 Apr., 20-24 May 1958 (Carriker, 1967:35; LACMNH), at 2,000 m, 13, 15, 27-31 July, 1 Aug. 1959 (LACMNH); Carriker, 9 km E, 1958 and

1959 and 12 km E, at ca. 2,100 m, 29 July 1959 (Carriker, 1959a:196, 198); Carriker, near Piquálé [not located], 24 June, 10, 12-25, 27-31 July, 1 Aug. 1959 (WVZ); Schuchmann, 1987 (Schuchmann, 1990b); Thiollay, in vicinity, ca. 24 June-16 July 1988 (Thiollay, 1991); Olson, 1981, *Proc. Biol. Soc. Wash.*, **94**:103, as "Ricuarate;" also see Piquálé.

RICUARTE (Olson, 1981:193); see Ricaurte.

RINCÓN HONDO; Cesar 0924/7329 (USBGN)
50 m (Borrero, 1972b:396); at base of western foothills of northern extension of Eastern Andes, 45 km NE of Ciénaga de Zapatos [0905/7350 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:396).

RÍO DE ORO; Cesar 0817/7323 (USBGN)
1,171 m, on western side but eastern watershed of northern Eastern Andes, just S of Serranía de Perijá [1000/7300 (USBGN)] (MHA); collector ?, date ? (Hernández & Romero, 1978:357, as "Río de Oro, Norte de Santander"); this may pertain to municipality of Río de Oro [0800/7330 (USBGN)] rather than to the town.

RÍO DE ORO; Norte de Santander (Hernández & Romero, 1978:357); see Río de Oro, Cesar.

RÍO FRÍO; Magdalena 1055/7410 (USBGN)
30 m (de Schauensee, 1948a:325); on coastal plain, on Río Frío [1054/7417 (USBGN)], close to western base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 40 km SSE of Santa Marta [1115/7413 (USBGN)] (MHA); Carriker, 1926 (FMNH) 18 Mar 1927 (CM); semiarid, Darlington, in vicinity and up to 1,500 ft [450 m], June 1928-Apr. 1929 (Darlington, 1931:349ff); Hilty, et al., May 1982 (Hilty & Brown, 1986:589).

RÍO FRÍO; Valle del Cauca (Chapman, 1917:653); see Río Frío.

RÍO FRÍO; Valle del Cauca 0409/7618 (USBGN)
969 m, close to Western Andes near mouth of Río Frío [0409/7615 (USBGN)], a tributary on western side of upper Río Cauca [0854/7428 (USBGN)], 13 km NW of Tuluá [0406/7611 (USBGN)] (MHA); heavy tropical forest [1911], Miller and Allen, 23 Nov.-2 Dec. 1911 (Chapman, 1917:653, as "Río Frío"); Miller and Allen, 11 Dec. 1911 (UMMZ, as "Río Frío"); collector ? [Miller and Allen ?], 8 Nov. 1911 (Todd, 1916, *Bull. Amer. Mus. Nat. Hist.*, **35**:551); collector ?, 29 Dec. 1946 (von Sneider, 1954:7, as "Río Frío"); collector ?, date ? (Borrero, 1972b:400, as "Río Frío"); also see La Madrigal.

RÍO HACHA (Todd, 1915:81); see Ríohacha.

RÍOHACHA; La Guajira

1133/7255 (USBGN)

Sea level, on Caribbean coastal plain at mouth of Río Calancala [Río Ranchería, 1134/7254 (USBGN)], 150 km ENE of Santa Marta [1105/7413 (USBGN)] (MHA); Delattre, ca. 1846 (Lafresnaye, 1847:74, 76); Carriker, 7 May 1913 (ANSP); arid, Carriker, 22 Feb., 1-7 May 1914, 14-17 July 1920 (Todd, 1915, Proc. Biol. Soc. Washington, 28:81, as "Río Hacha"; Todd & Carriker, 1922:123; ANSP); Lehmann, 4 Apr. (Olivares & Hernández, 1961:424) and 11 Apr. 1941 (Dugand, 1947a:395); Carriker, 19 May 1941 (USNM); Lehmann, between Ríohacha and El Pájaro [1143/7241 (USBGN)], Apr. 1941 (Lehmann, 1945:104); von Sneidern, 7 Apr. 1941 (ANSP, as "Ríohacha, Magdalena"; Haffer, in vicinity, July 1960 (Haffer, 1961b:374ff); collector ?, 8 Jan. 1968 (WVZ); Donahue, 6 Aug. 1974 (Gochfeld, et al., 1980:199); O'Brien and Donahue, between Ríohacha and Manaure [1147/7227 (USBGN)], 7 Aug. 1974 (Donahue, 1977:286); Davis, et al., 26 Mar. 1976, Alden, et al., 5 Feb. 1978 (Hilty & Brown, 1986:522, 578); Hilty and Alden, 15 Feb. 1978 (Gochfeld, et al., 1980:198); Hernández, date ? (Serna, 1984:27); Mayorga, between Ríohacha and Valle Cangrejos [not located], ca. 16 Oct. 1988 (Anonymous, 1989); see, also, Ranchería, Río.

RÍOHACHA; Magdalena (ANSP); see Ríohacha, La Guajira.

RÍO LEBRIJA, ESTACIÓN; Santander

Not located

On western slope of northern Eastern Andes, 70 km [by road ?] from [W ?] Ríonegro [0716/7309 (USBGN)], Romero, 26 Sept. 1970 (Olivares & Romero, 1973:45, 53); doubtless this is a railway station along Río Lebrija [0808/7347 (USBGN)].

RÍOLIMA; Valle del Cauca

Not located

5,000-6,000 ft [1,500-1,850 m], Batty, Aug. 1898 (Hellmayr, 1911:1103, 1109); on eastern slope of Western Andes near San Antonio [0330/7638 (USBGN)] and W of Cali [0327/7631 (USBGN)] (de Schauensee, 1948a:326).

RÍO NEGRO (Sclater & Salvin, 1879:489); see Ríonegro.

RÍONEGRO; Antioquia

0609/7522 (USBGN)

2,120 m, 25 km SE of Medellín [0615/7535 (USBGN)] on upper Río Nare or Río Negro [0612/7435 (USBGN)], a tributary of Río Magdalena [1106/7451 (USBGN)], near center of Central Andes but on eastern watershed (MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489, as

"Río Negro"); Nicéforo, 29 Dec. 1962 (Iafrancesco, et al., 1986:45); collector ?, 11 Nov. 1966, Serna, 26 July, 26 Aug., 12 Sept. 1970, 19 Apr., 1971, Serna and Madrigal, 7 Aug. 1978 (Serna, 1980:59, 65, 67, 77, 102); SAO observers, 1990 (Anonymous, 1990a); Piedrahita, at Llano Grande [not located], 8 km SW of Ríonegro (Dicc. Geog.), 23 Oct. 1995 (SAO).

RÍOSUCIO; Chocó 0727/7707 (USBGN)
ca. 100 m, on right bank of lower Río Atrato [0817/7658 (USBGN)] at mouth of Río Sucio [0727/7707 (USBGN)] (MHA); swampy near town, second-growth some distance away, Haffer, 2-3 Mar. 1965 (Haffer, 1975:76).

RÍO VIEJO; Bolívar 0835/7351 (USBGN)
ca. 100 m, on lower middle Magdalena Valley, on Brazo Morales [0838/7350 (USBGN)], ca. 5 km upstream and 5 km SW of La Gloria [0837/7348 (USBGN)] (MHA); Carriker, 16-24 Feb. 1947 (USNM).

RIPLEY, FINCA; see Finca Ripley.

RISARALDA, DEPARTAMENTO DE 0500/7600 (USBGN)
Oddly-shaped, very small department in west-central Colombia, formerly part of Caldas, embracing a small section of northern Western Andes, two very small parts of Río Cauca [0854/7428 (USBGN)], and a small section of western slope of middle Central Andes; bounded on N by Antioquia, on E by Caldas, on SE by Tolima, on S by Quindío, on SW by Valle del Cauca, and on W by Chocó; principal town is Pereira [0449/7543 (USBGN)].

RISARALDA, RÍO 0454/7552 (USBGN)
Minor tributary of middle Río Cauca [0854/7428 (USBGN)] rising in middle Western Andes NW of Anserma [0513/7548 (USBGN)], Caldas, and flowing S to meet the Cauca at La Virginia [0454/7553 (USBGN)], Risaraldra, 15 km NNE of Cartago [0445/7555 (USBGN)], Valle del Cauca (MHA); collector ?, in Risaralda Valley, date ? (Borrero, 1972b:400).

ROBLE, ALTO DEL (CU); see El Roble, Cundinamarca (1).

ROBLE, EL; see El Roble.

ROCHE; La Guajira 1105/7238 (USBGN)
ca. 100 m, in eastern part of state near Venezuelan border at base of Península de la Guajira [1200/7130 (USBGN)], 60 km SE of Ríohacha

[1133/7255 (USBGN)] (MHA); Serna, Nov. 1980 (Serna, 1984:20, 42; 1992a:19).

RODADERO; Magdalena Not located
Near Santa Marta [1115/7413 (USBGN)], Russell, Mar.-July, late Oct. year
? (Hilty & Brown, 1986:647).

RODEO, EL; see El Rodeo.

ROJA, QUEBRADA; Santander ca. 0710/7355
Near Quebrada Lisama [ca. 0710/7355] and probably also a small affluent
of lower Río Sogamoso [0713/7356 (USBGN)] (see Lisama, Quebrada);
Borrero & Hernández, at "Meseta," at ca. 100 m, between Quebrada
Lisama and Quebrada Roja, Nov. 1956 (Borrero & Hernández, 1957b:
201-202).

ROLDANILLO; Valle del Cauca 0424/7609 (USBGN)
966 m, in upper Río Cauca [0854/7428 (USBGN)] Valley, close to eastern
foothills of Western Andes, 36 km NNE of Tuluá [0406/7611 (USBGN)]
and 50 km SW of Cartago [0445/7555 (USBGN)] (MHA); collector ?, date
? (Borrero, 1972b:400).

ROMELIA, LA; see La Romelia.

ROMERALES; Quindío 0438/7530 (USBGN)
Alt. ?; W of Nevado del Tolima [0440/7519 (USBGN)] and 22 km NE of
Armenia [0431/7541 (USBGN)] (Atlas, 1977); von Sneidern, 4 May 1942
(UMMZ, as "Romerales, Tolima"; ANSP, as "Romerales, Navado del
Tolima").

ROMERALES; Tolima (UMMZ); see Romerales, Quindío.

RONCADOR, BANCO (Chirivi, 1988:278); see Roncador, Cayos de.

RONCADOR, CAYOS DE; San Andrés y Providencia 1330/8000
(Chirivi, 1988:282)
Shoal in Caribbean, ca. 400 km E of Nicaragua and 150 km E of Isla de
Providencia [1321/8122 (USBGN)] (Atlas, 1977); Vanderbilt, 22-23 Mar.
1941 (Bond & de Schauensee, 1944:10, as "Roncador Key"); Chirivi, May
1975 (Chirivi, 1988:278, as "Banco Roncador").

RONCADOR KEY (Bond & de Schauensee, 1944:10); see Roncador, Cayos de.

RONDA, ISLA; Amazonas 0410S/7000 (Dugand & Borrero, 1946:134)
ca. 100 m, small island in the Amazon, 9 km SW of Leticia [0409S/6957 (USBGN)], in Trapecio Amazónico (MHA); Lehmann, 17, 26 Oct., 3, 5 Nov. 1939 (Dugand & Borrero, 1946:134, 140, 149, 160, 161); collector ? [Lehmann ?], date ? [1939 ?] (Borrero & Hernández, 1961:440); de Schauensee, 1948a:326, as "Isla de Ronda."

RONDA, ISLA DE (de Schauensee, 1948a:326); see Ronda, Isla.

RONDÓN (de Schauensee, 1952a:115); see Puerto Rondón.

RONDÓN, ISLA; Atlántico 1057/7445 (USBGN)
ca. 100 m, in lower Río Magdalena [1106/7451 (USBGN)], near Soledad [1055/7446 (USBGN)], collector ?, 10 Jan. 1939 (Dugand, 1947a:393; 1947c:585); not on our maps.

RONDÓN, PUERTO; see Puerto Rondón.

ROSA (Nicéforo & Olivares, 1966:289); see Bosa.

ROSARÍO; La Guajira ca. 1048/7305
700 m, on eastern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] at headwaters of Río Cesar [0900/7358 (USBGN)], 12 km NW of San Juan del Cesar [1046/7301 (USBGN)] (MHA); not shown on recent maps; although listed by Todd & Carriker, 1922:123, it may have no ornithological significance.

ROSARÍO; Norte de Santander (Nicéforo & Olivares, 1965:44); see Villa Rosario.

ROSARIO, EL; Norte de Santander; see Villa Rosario.

ROSARIO, ISLAS (MHA); see Rosario, Islas del.

ROSARIO, ISLAS DEL; Bolívar 1010/7546 (USBGN)
Sea level, a dozen small islands in Caribbean, 5-6 km offshore and 35 km SW of Cartagena [1025/7532 (USBGN)] (MHA, as "Islas Rosario"; Nicéforo & Olivares, 1964:5); national park of 17,800 ha (Murcia, 1981b); collector ?, 16 July 1963 (Nicéforo & Olivares, 1964:11).

RUIZ, NEVADO DEL; Caldas/Tolima 0454/7518 (USBGN)
5,400 m, one of cluster of four snow-capped peaks a short distance N of Ibagué [0427/7514 (USBGN)] (MHA); Carriker at Hacienda Jaramillo [not

located] (which see), 18 Sept. 1918, which he places (1955:51) on *western* slope of *Nevado del Tolima* [0440/7519 (USBGN)] but which de Schauensee (1948a:326, 337) places at ca. 3,100-3,500 m on *eastern* slope of *Nevado del Ruiz*.; von Sneider, 5 May 1942 (ANSP); A. H. Miller, on northwestern side at 12,000 ft [3,650 m], 30 June 1958 (MVZ); Willis, up to snow line, 24 Apr. 1966 (Willis, 1988:139); Graves, on Manizales [0505/7532 (USBGN)]/Ruiz road, at 3,540 m, 22 Jan. 1986, Uribe and Graves, on Río Guali [0512/7444 (USBGN)]/Líbano [0455/7504 (USBGN)] road, at 4,000 m, 28 Jan. 1986 (Graves and Giraldo, 1987:90); Arango, between Arenales [not located] and Aguacerales [not located] at 3,800-4,300 m, Apr. 1982, Graves, 6 km E of Aguacerales, 3,900-4,100 m, Jan. 1986 (Graves & Arango, 1988:251); Peyre de Fabrègues, at 3,500-4,800 m, July-August 1989 (Peyre de Fabrègues, 1990; 1991a; 1991b).

RUIZ, PÁRAMO DE (Todd, 1942, Ann. Carnegie Mus., 29:365); see Santa Isabel, Páramo de.

RUMIYACO (de Schauensee, 1959:61); see Rumiayaco, Río; Putumayo.

RUMIYACO, RÍO; Nariño 0021/7713 (USBGN)

An eastern lowlands affluent of Río San Miguel [0008/7551 (USBGN)], a tributary of Río Putumayo [0307S/6758 (USBGN)], rising on eastern slope close to Ecuador border (MHA; Mapa, 1976); tropical (de Schauensee, 1951c:1-2); not to be confused with Río Rumiayaco [0105/7642 (de Schauensee, 1948a:326)] in Putumayo; although at first de Schauensee (1951c) referred specimens to this river, later (1952b), in order to avoid confusion with the Río Rumiayaco in Putumayo, he applied the name of nearby Río Churuyaco [0022/7707 (USBGN)] to this material; T. Mena, 25-26, 30 Nov., 26 Dec. 1950, 7, 13-23, 26, 30 June 1951 (UMMZ; ANSP); see, also, Río Churuyaco.

RUMIYACO, RÍO; Putumayo 0105/7642 (de Schauensee, 1948a:326)

Small stream entering Río Mocoa [0103/7630 (USBGN)], 8 km S of Mocoa [0109/7637 (USBGN)], von Sneider, at 1,800 and 1,200 m on upper portion of stream on northern slope of Cordillera Portachuelo [0107/7652 (USBGN)], an eastern spur of Andes, 5, 7, 9-10, 13-14, 16, 18-19, 22-25 Jan., 1 June 1947 (de Schauensee, 1948a:326; von Sneider, 1955:39, 40; YPM); river not shown on our maps, but entry of river *south* of Mocoa is suspect, unless it rises on *eastern* slope of Cordillera Portachuelo; not to be confused with Río Rumiayaco [0021/7713 (USBGN)], Nariño; de Schauensee, 1959:61, as "Rumiayaco."

RUSIA, PÁRAMO DE LA; see La Rusia, Páramo de.

SABALETAS; Santander (MHA); see Sabaneta, Santander.

SABALETAS; Valle del Cauca (Mapa, Valle, 1973); see Zabaletas.

SABALETAS, QUEBRADA; Valle del Cauca 0346/7640 (USBGN)
Small stream on western slope of Western Andes rising to W of Restrepo [0348/7631 (USBGN)] and merging with Río Grande [0346/7640 (USBGN)] to discharge into Río Dagua [0352/7704 (USBGN)] (Mapa, Valle, 1973, as "Río Sabaletas"); Lehmann, 14 Sept. 1956, and near mouth, date ? (Lehmann, 1957:117, 133, as "Río Sabaletas").

SABALETAS, RÍO (Lehmann, 1957:117); see Sabaletas, Quebrada.

SABALETAS, RÍO; Valle del Cauca ca. 0345/7655 (Mapa, Valle, 1973)
Tributary of Río San José de Anchicayá [0344/7700 (USBGN)], entering it near village of Zabaletas [0344/7657 (USBGN)], on western slope of Western Andes near Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); Borrero, at confluence of Río Sabaletas and Quebrada La Bomba [= ? Las Bombas, ca. 0340/7650 (Mapa, Valle, 1973)], date ? (Hilty, 1977:45, as "Río "Saboletas").

SÁBALO; Atlántico 1039/7513 (USBGN)
ca. 20 m, small lake in forested region of Los Pendales [1037/7513 (USBGN)] and near border of Bolívar, Dugand, date ? (Dugand, 1947c:541, 555); not on our maps.

SABANA DE TORRES; Santander 0724/7330 (USBGN)
ca. 100 m, in middle Río Magdalena Valley, 48 km ENE of Puerto Wilches [0721/7354 (USBGN)] and ca. 20 km from western base of northern Eastern Andes (MHA); heavily cultivated, with some dense forest, Romero, 27 Mar., 29 Apr., 27 May, 11 June, 20, 29-30 Sept. 1972 (Olivares & Romero, 1973:45ff); collector ?, date ? (Borrero, 1972b:399).

SABANA DE YARÍ; see Llanos del Yarí.

SABANA GRANDE (Serna, 1980:49); see Sabanagrande.

SABANAGRANDE; Atlántico 1048/7445 (USBGN)
ca. 10 m, on northern coastal plain and western side of lower Río Magdalena [1106/7451 (USBGN)], 20 km S of Barranquilla [1059/7448 (USBGN)] (MHA); collector ?, date ? (Dugand, 1938:541; Borrero, 1972b:398); collector ?, 15 Nov. 1938 (Dugand, 1947c:563); Valverde and Wolff, 5 Apr. 1977 (Serna, 1980:49, as "Sabana Grande").

SABANALARGA; Antioquia 0651/7549 (USBGN)
ca. 1,000 m, in central part of state on right bank of Río Cauca [0854/7428 (USBGN)], 46 km WSW of Yarumal [0658/7524 (USBGN)] and 64 km NNW of Bello [0620/7535 (USBGN)] (MHA); collector ?, date ? (Olson, 1983a:108).

SABANALARGA; Atlántico 1038/7455 (USBGN)
53 m, on northern coastal plain in central Atlántico, 43 km SW of Barranquilla [1059/7448 (USBGN)] and 12 km NE of Ciénaga de Guájaro [1034/7502 (USBGN)] (MHA); heavily cultivated, Giacometto and Dugand, 9 Nov. 1936 (Dugand, 1947C:529, 543); de Schauensee, 1948a:331, gives "Savanalarga" as a misspelling.

SABANETA Not located
Lehmann, 14 Nov. 1943 (MVZ); possibly this is an error for Sabanetas [0232/7653 (USBGN)], Cauca.

SABANETA; Antioquia 0609/7536 (USBGN, as "Sabanetas")
ca. 1,700 m, in interior of northern Central Andes, on southern outskirts of Medellín [0615/7535 (USBGN)] (MHA; Atlas, 1977); Serna and Jiménez, 4 May 1967, 23 Mar., 12-13 May 1968, Serna, 23 Mar., 6 Apr., 4 May 1968 (Serna, 1980:31, 51, 68, 72, 74, 80, 102).

SABANETA; Cauca (de Schauensee, 1948a:326); see Sabanetas.

SABANETA; Santander 0721/7339 (USBGN)
ca. 100 m, in northwestern Santander, 28 km E of Puerto Wilches [0721/7354 (USBGN)] (MHA, as "Sabaletas"; Atlas, 1977); Palmer, 13, 15-16 Aug., 30 Dec. 1928, 1 Jan. 1929 (MVZ).

SABANETAS; Antioquia (MHA); see Sabaneta, Antioquia.

SABANETAS; Cauca 0232/7653 (USBGN)
1,800-1,900 m, on eastern slope of Western Andes, short distance E of Cerro Munchique [0232/7657 (USBGN)], near Chisquío [0229/7652 (USBGN)] and El Tambo [0225/7649 (USBGN)], von Sneider, date ? (de Schauensee, 1948a:326, as "Sabaneta"); von Sneider, 17 Sept. 1950, 15 Apr., 3, 7 July, 20 Oct. 1943 (ANSP, as "Sabaneta; Tambo" or "Sabaneta, El Tambo"), 29 Nov. 1957 (YPM); not on our maps.

SABANILLA; Atlántico 1101/7454 (USBGN)
Now underwater, former port for Barranquilla [1059/7448 (USBGN)], abandoned in 1871 in favor of nearby Puerto Salgar [1101/7456 (USBGN)]

which from 1871-1888 assumed name "Sabanilla," and which in turn was preempted as Barranquilla's port when Puerto Colombia [1059/7458 (USBGN)] was developed (Dugand, 1947c:544); MHA, as "Savanilla"; collector ?, prior to 1859 (Friedmann, 1957:497; Dugand, *loc. cit.*, gives collector as Akhurst, but Friedmann, *loc. cit.*, indicates Akhurst was a dealer in New York); Benedict and Nye, Mar. 1884, as "Sabanilla" but this was during period when Puerto Salgar bore the name (Dugand, 1947c:544); USBGN coordinates of 1101/7454 apparently refer to a "modern" successor "Sabanilla" but because Sabanilla has shifted its location within such a small area, it is of no importance to determine at which of the three localities specimens were collected.

SABANILLITA, LAGUNA DE; Atlántico ca. 1059/7454
15 m (de Schauensee, 1948a:327); small, swampy lake at Km 10 W of Barranquilla [1059/7448 (USBGN)] on highway to Puerto Colombia [1059/7458 (USBGN)], ca. 8 km from the latter, also known as "Laguna de Caney" and "Laguna de Puerto Colombia," Dugand ?, date ? (Dugand, 1947c:544, 552).

SABOLETAS (Hilty, 1977:44); see Zabaletas.

SABOLETAS, RÍO (Hilty, 1974:45); see Sabaletas, Río.

SABOYÁ; Boyacá 0540/7348 (USBGN)
ca. 2,600 m, on western slope of central Eastern Andes, 5 km NE of Chiquinquirá [0537/7350 (USBGN)], on Río Suárez [0646/7312 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1967:433).

SAGAMOSO (de Schauensee, 1948a:327); see Sogamoso, Río.

SAGOC, PUERTO; see Puerto Sagoc.

SAGRADO CORAZÓN; Meta Not located
Near Villavicencio [0409/7337 (USBGN)], Nicéforo, 28 Jan. 1950 (Iafrancesco, et al., 1988:116).

SAHAGÚN; Córdoba 0857/7527 (USBGN)
60 m, on Caribbean coastal plain, 18 km SSW of Chinú [0906/7524 (USBGN)] and 34 km NE of Ciénaga de Oro [0853/7537 (USBGN)] (MHA); Nicéforo, 5 Jan. 1955 (Serna, 1980:80); collector ?, between Sahagún and Chinú, date ? (Borrero, 1972b:399).

- SAIJA, RÍO; Cauca 0252/7741 (USBGN)
Rises in foothills on Pacific slope of Western Andes in central Cauca, NW of Cerro Tambor [0236/7719 (USBGN)], and discharges into Pacific at Boca Saija [0252/7743 (USBGN)] (MHA); von Sneider, at El Papayo [not located], to 200 m, June, July, Sept. 1958 (FMNH); Arvey, 1 Nov. 1971 (LACMNH).
- SAINT CECILIA; Caldas (UMMZ); see Santa Cecilia, Risaralda.
- SAISA, QUEBRADA; Córdoba 0745/7625 (USBGN)
Short stream rising in about the middle of Serranía de Abiba [0750/7630 (USBGN)] and flowing into Río Verde del Sinú [0751/7618 (USBGN)], western Córdoba (MHA); Willis, in vicinity, 25-28 Mar. 1965 (Willis, 1988:139).
- ST. ANDREWS (Bond & de Schauensee, 1944:11); see San Andrés, Isla de.
- SAINT ANDREW'S ISLAND (ANSP); see San Andrés, Isla de.
- SALADA, LA; see La Salada.
- SALADITO; Valle del Cauca 0329/7637 (USBGN)
1,800 m (Ohmer, Fain, & Schuchmann, 1991, Journ. Nat. Hist., **25**:484, 498); in southern part of state, 18 km SW of Yumbo [0335/7628 (USBGN)] and 25 km NNW of Jamundí [0315/7632 (USBGN)] (Mapa, Valle, 1973); collector ?, date ? (Cantillo, 1983:72, as "El Saladito"); collector ? [Schuchmann ?], date ? (Ohmer, et al., 1991:484).
- SALADO (MHA); see El Salado.
- SALADO, EL; see El Salado.
- SALAMANCA, ISLA DE; Magdalena 1059/7427 (USBGN)
Sea level; long, narrow barrier beach separating Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] from Caribbean (MHA); site of national park; mostly covered by shrubs and small trees, with mangroves on southern shore and sandy beach on Caribbean side (Todd & Carriker, 1922:123); Carriker, at Punta de Caimán [1059/7427 (USBGN)], 27 Sept.-2 Oct. 1913 (Todd & Carriker, 1922:122); collector ?, 16 Oct. 1937 (Dugand, 1948a:163); collector ?, 22 Apr. 1961 (Borrero & Cruz, 1983:55); Toro García, 14 May 1968, 16 June, early Nov.-early Dec. 1969, 25 Mar., 20 Oct.-11 Dec. 1970 (Dugand & Eisenmann, 1983; Hernández & Rodríguez, 1986:660; Iafrancesco, et al., 1987:74); Naranjo, Sept. 1969 (Hilty &

Brown, 1986:178); collector ?, at Cangarú [ca. 1059/7427], Aug. 1971 (Naranjo, 1979:6); Hilty and Johnson, 16 Feb. 1972, Johnson, 9 May (Hilty & Brown, 1986:80, 642), June 1972 (LSU); Borrero, July 1972 (Borrero, 1973:81); Munves and Donahue, 24, 26 Dec. 1972 (Donahue, 1974:845); O'Brien and Donahue, 30 June-16 Aug. 1974, Donahue, 24 Dec. 1974, 14, 20 Jan., Gardner and Donahue, 20 Jan. 1975, Donahue, 29 Jan. 1975, Gochfeld and Keith, 15, 19 Jan. 1977, Ridgely, 6 Feb. 1977, Hilty, et al., 11 Aug. 1979, Hilty, 2, 16 Feb., July-Aug. year or years ? (Donahue, 1977:286; Gochfeld et al., 1980:197, 198, 199; Hilty & Brown, 1986:184, 248, 305, 362, 522, 590); collector ?, date ? (Borrero, 1972b:396); Naranjo, Apr., June, Sept. 1977, Mar., June, Nov. 1978 (Naranjo, 1981a); Köster and Köster-Stoewesand, ca. 28 Jan.-20 Oct. 1978 (Köster & Köster-Stoewesand, 1981)

SALAMANCA, PARQUE NACIONAL; see Salamanca, Isla de.

SALAMINA; Caldas

0525/7529 (USBGN)

1,822 m, on western slope of middle Central Andes, 9 km E of Río Cauca [0854/7228 (USBGN)] and 38 km N of Manizales [0505/7532 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1975:2); collector ?, 12 May, 7 June 1966, Marín, 18 May 1964, 3, 5 Apr. 1965, 6 Feb., 5 Apr., 7, 18 May, 8 July 1966, 8 June 1967, 2-3, 14 Jan., 12, 20 Oct. 1968, Serna, 12 Apr., 18 Sept. 1968, Serna and Marín, at El Nipón [not located], 15 July 1967, 9 Apr. 1969, Serna, at El Nipón, 5, 7, 9 Apr. 1969, Marín, at El Nipón, 23 Mar., 5 Apr., 2 May, 19 June, 9 July, 22, 29 Aug., 7, 16 Sept., 9 Oct. 1968, 7, 9 Apr., 22, 27 May, 7 June 1969, Marín, at Calentaderos [ca. 0518/7536 (Dicc. Geog.)], 21 June, 7 Sept., 9 Nov. 1968, Marín, at Montañita [not located], 5 Feb., 1 Mar. 1966, Serna and Marín, at El Perro, Antioquia (sic) [not located], 14 June 1973 (Serna, 1980:12, 19, 25, 30, 33-35, 45, 49, 58, 60-61, 63, 65, 69, 75, 77, 80, 82, 90, 92, 94-97, 103-104, 106; Iafrancesco, et al., 1986:48).

SALAUÍ, RÍO; Chocó

0727/7707 (USBGN)

Tributary of Río Atrato [0817/7658 (USBGN)] originating in northwestern Chocó in Sierra de los Saltos [0710/7730 (USBGN)] near Panama border and flowing E to join the Atrato at Ríosucio [0727/7707 (USBGN)] (MHA); von Sneidern, where ?, 31 Oct. (de Schauensee, 1945a:12), at 100 m, Nov. (Dugand, 1941a:57), and at 300 m, 31 Oct., 3-4 Nov. 1940 (Lehmann, 1943a:170); von Sneidern, "on Río Atrato side," 6 Nov. 1940 (ANSP); collector ? [von Sneidern ?], 2, 30-31 Oct., 1-4, 6, 11 Nov. 1940 (Iafrancesco, et al., 1987:102; ANSP); Haffer, in forests at eastern base of Sierra de los Saltos, 4-8 Mar. 1964 (Haffer, 1975:75).

SALAZAR; Norte de Santander 0746/7249 (USBGN)
870 m, on eastern slope of northern Eastern Andes, in valley of Río Salazar [0748/7242 (USBGN)], 46 km SE of Cúcuta [0754/7231 (USBGN)] (MHA); Nicéforo, Feb. 1941 (Nicéforo, 1945:376).

SALDAÑA; Tolima 0356/7501 (USBGN)
400 m (de Schauensee, 1948a:299, as "Estación Saldaña"); on railway line in upper Río Magdalena Valley on Río Saldaña [0401/7452 (USBGN)], 16 km SW from its junction with Río Magdalena, 15 km NNE of Natagaima [0351/7506 (USBGN)] and 17 km SW of Guamo [0402/7458 (USBGN)] (MHA); collector ? [Herrera ?], date ? (Dugand, 1948a:179, as "Estación Saldaña"; Borrero, 1970b:702; ANSP); Acevedo, 3 Oct. 1965 (WFFVZ); Isaza, between Guamo and Saldaña, 24 May 1969 (Serna, 1980:26).

SALDAÑA, ESTACIÓN (Dugand, 1948a:179); see Saldaña.

SALENCIO (Chapman, 1917:653); see Albán, Valle del Cauca.

SALENTO; Caldas (UMMZ); see Salento, Quindío.

SALENTO; Quindío 0438/7534 (USBGN)
1,895 m, on western slope of Central Andes, 18 km NE of Armenia [0431/7541 (USBGN)] and 20 km WSW of Nevado del Quindío [0442/7525 (USBGN)] (MHA); Allen and Miller, 25 Sept.-2 Oct., 31 Oct.-6 Nov., 8-13 Nov. 1911, in wooded barrancas of nearby Boquía Valley [0439/7536 (USBGN) = town] and in forests at El Roble [0441/7536 (USBGN)], at 7,100 ft [2,150 m], on first ridge to W, but all specimens cited in Chapman, 1917, listed under Salento to avoid confusion with El Roble [ca. 0423/7419], Cundinamarca (Chapman, 1917:32, 34, 654); collector ?, 1918, 1925 (Iafrancesco, et al., 1988:121); von Sneider, at 5,000 ft [1,500 m], 10 July year? (de Schauensee, 1946a:9); von Sneider, 13-16 Mar., 1, 3, 5, 10, 15-16, 21, 28 Apr., 1-8, 10-11, 13-16, 18-23 June 1942 (UMMZ, as "Salento, Caldas"; ANSP, as "Salento, Caldas").

SALGAR (Dugand, 1947a:391); see Puerto Salgar, Atlántico.

SALGAR, PUERTO; see Puerto Salgar.

SALVAJÍN, QUEBRADA (Carriker, 1955:63); see Salvajín, Río.

SALVAJÍN, RÍO; Córdoba 0745/7616 (USBGN)
An affluent of Río Esmeralda [0746/7615 (USBGN)], itself a tributary of Río Sinú [0924/7549 (USBGN)], near the northern end of Western Andes

(MHA); densely forested (Haffer, 1975:74); Carriker, on Río Esmeralda near mouth of Río Salvajín, at 600 ft [200 m], 30 Apr., 1-7, 9-14, 16-21, 23-27 May 1949 (USNM, as "Quebrada Salvajín"; Carriker, 1955:63, as "Quebrada Salvajín").

SAMACÁ; Boyacá 0529/7329 (USBGN)
2,665 m, in central highlands of Eastern Andes, on western watershed, 15 km WSW of Tunja [0531/7322 (USBGN)] (MHA); collector ?, at nearby Laguna de Teatinos [ca. 0530/7330], date ? (Niséforo & Olivares, 1966:372).

SAMANÁ; Caldas ca. 0515/7515
ca. 2,500 m ? (MHA); on Río Honda [0517/7515 (USBGN)], S of Páramo San Félix [0525/7519 (USBGN)], on eastern slope of Central Andes, Hershkovitz, Feb. 1951 (FMNH; Blake, 1955:15); although this locality does not appear on our maps, Río Honda and Páramo Félix are on MHA; the association of this Samaná with Río Honda [not Río Hondo, 0542/7501 (USBGN)], an affluent of Río Samaná Sur [0542/7444 (USBGN)], and with Páramo San Félix indicates the collector was attempting to distinguish this Samaná from others nearby, e.g., 0532/7457 (USBGN) and 0537/7509 (USBGN).

SAMANÁ, RÍO (Carriker, 1955, Bol. Entom. Venezolana, 11(3-4):98); see Samaná Sur, Río.

SAMANÁ SUR, RÍO; Caldas/Antioquia 0542/7444 (USBGN)
An affluent of the Río la Miel [0546/7439 (USBGN)], a tributary of middle Río Magdalena [1106/7451 (USBGN)], with headwaters on the eastern slope of northern Central Andes E of Sonsón [0542/7518 (USBGN)], forming part of eastern boundary between Antioquia and Caldas (MHA); Carriker, date ? [1951 ?] (1955, Bol. Entom. Venezolana, 11(3-4):98, as "Río Samaná, Antioquia") and 16 May 1951 (*op. cit.*, p. 124, as "Río Samaná, Caldas"); see, also, La Sofía.

SAMORÉ; Norte de Santander Not located
Apparently associated with Sarare region [ca. 0705/7210] (which see) on eastern slope of northern Eastern Andes; collector ?, date ? (Niséforo & Olivares, 1966:382, as "Samoré (Guaduas, Sarare)" and 1975:9, as "Samore (Guaduas)"); Niséforo, 1 Mar. 1955 (Iafrancesco, et al., 1987:72, as "Sarare Samoré"); note that there is a Guaduas [0504/7436 (USBGN)] on the *western* slope in Cundinamarca; also see Sarare and Guaduas.

SAN ADOLFO; Huila 0137/7559 (USBGN)
1,500 m, on Río Aguas Claras [ca. 0145/7555 (Dicc. Geog.)], district of Acevedo [0145/7555 (USBGN)], Hershkovitz, 1 July 1951 (Blake, 1953:199); Río Aguas Claras is a headwater of Río Suaza [0210/7541 (USBGN)] on western slope in southern Eastern Andes.

SAN AGUSTÍN; Huila 0153/7616 (USBGN)
1,690 m, at head of Magdalena Valley, very near source of river, in valley on eastern slope of Central Andes (MHA); semiarid [?], open, with forest only along streams, virgin subtropical forest some distance from town, Miller, at town and nearby, 7-25 Apr., 19-21 May 1912 (Chapman, 1917:45, 334); fairly high forest around archaeological sites, high rainfall [note contradiction], Paynter, 3-5 Apr. 1977 (Paynter, 1978, Bull. Mus. Comp. Zool., Harvard, 148:334); Hershkovitz, Nov. 1941, von Sneidern, Mar. (FMNH), 25, 30 June, 1-8, 11-15, 17-18, 20, 30-31 July, 2-13, 17-19 Aug. 1942 (de Schauensee, 1945a:7, 1947b:121, 1950c:137; UMMZ; ANSP); Carriker, 20-26, 28 Apr., 1-2 May 1952 (USNM); Lehmann, 15 km SW, 1961 (Lehmann, 1961:526); Willis, 28 Apr. 1962 (Willis, 1988:138); Zimmer, 1944:406, as "San Agustín."

SAN AGUSTÍN, CERRO DE; Norte de Santander Not located
On eastern slope of northern Eastern Andes in extreme eastern Norte de Santander, S of middle Río Margua [0703/7205 (USBGN)], in Sarare region [ca. 0705/7210, which see], near Santa Librada [ca. 0706/7214 (IGAC [N. de Santander])] (Nicéforo, 1955b:180); collector ?, on western slope, at 1,000 m, date ? (Nicéforo, 1955b:180).

SAN ALBERTO; Cesar ca. 0745/7323 (IGAC [N. de Santander])
ca. 100 m, in middle Magdalena Valley on Cesar/Norte de Santander border and on upper Río San Alberto del Espíritu Santo [Quebrada el Espíritu Santo, 0749/7340 (USBGN)], 60 km S of Río de Oro [0817/7323 (USBGN)] (IGAC [N. de Santander]); Carriker, June, 1960, 31 Jan., 7-12, 22 Feb., 27 Mar., 3-4, 7-15 Apr., 15-19, 21-22, 24-26 May, 22-24, 26-30 June, 1-2 July 1961, 31 Jan., 8 Dec. 1962, 5 Jan., 1 Oct. 1963, 3 Dec. 1968 (FMNH; WFVZ, as "San Alberto, Santander" and "San Alberto, Magdalena"; YPM, also as "San Alberto, Magdalena"; LSU, as "San Alberto, Magdalena" and "San Alberto, Santander"; ANSP, as "San Alberto, Norte de Santander"), at 89 m, 24 May 1964 (MVZ, as "San Alberto, Magdalena"); Gardener, Apr., June, July 1961 (LSU, as "San Alberto, Magdalena"); Marinkelle, 10, 23, 25 Oct., 4 Nov., 3, 5 Dec. 1968, 1969 (WFVZ, sometimes as "San Alberto, Santander"; UMMZ, as "San Alberto, Magdalena"); Romero, 21 May 1970 (Olivares & Romero, 1973:57).

SAN ALBERTO; Magdalena (WFVZ); see San Alberto, Cesar.

SAN ALBERTO; Norte de Santander Not located
In extreme eastern Norte de Santander on eastern foothills of northern Eastern Andes, in Sarare region (which see), E of Río Margua [0703/7205 (USBGN)], between Quebrada Talco [Río Talco, 0712/7219 (USBGN)] and head of Río San Lorenzo [0710/7215 (USBGN)], subtropical, collector ?, Jan. 1943 (Nicéforo, 1955b:177); also see San Alberto, Cesar.

SAN ALBERTO; Santander (WFVZ); see San Alberto, Cesar.

SAN ALBERTO, CAÑO (Olivares & Romero, 1973:48); see San Alberto, Quebrada.

SAN ALBERTO, QUEBRADA; Cesar 0750/7340 (USBGN)
ca. 100 m, originates in Magdalena Valley at base of Eastern Andes and joins lower Río Cáchira del Espíritu Santo [0752/7340 (USBGN)] ca. 5 km S of Ciénaga de Pita [0755/7340 (USBGN)] (Atlas, 1977); Romero, near Ciénaga de Pita, 12 Aug. 1971 (Olivares & Romero, 1973:48, as "Caño San Alberto").

SAN ALFONSO; Huila 0322/7507 (USBGN)
440 m, short distance inland on right bank of upper Río Magdalena [1106/7451 (USBGN)], 58 km S of Natagaima [0351/7506 (USBGN)] and 21 km NE of Villavieja [0313/7514 (USBGN)] (MHA); collector ?, date ? (de Schauensee, 1948a:327).

SAN ANDRÉS; Antioquia 0655/7540 (USBGN)
1,530 m, at northwestern end of Central Andes, northern central Antioquia (MHA); collector ?, 16 Dec. 1966 (Serna, 1980:26).

SAN ANDRÉS; Cauca 0238/7604 (USBGN)
1,600 m (Borrero & Hernández, 1958:259); on eastern slope of southern Central Andes, 5 km SW of Calderas [0239/7602 (USBGN)] and 9 km NNW of Inzá [0233/7603 (USBGN)] (Atlas, 1977); Yépez Agredo, date ? (Borrero & Hernández, 1958:259).

SAN ANDRÉS, ISLA DE; San Andrés y Providencia 1232/8142 (USBGN)
In Caribbean, 185 km E of Nicaragua, 12 km long, 3 km maximum width (Atlas, 1977), maximum elevation 350 ft [100 m], brush and low trees (Bond & de Schauensee, 1944:11, as "St. Andrews"); Henderson, winter of 1886-87 (Cory, 1887:180; Dugand, 1947a:387; Bond & de Schauensee, 1942:1); Abbott, 1 May 1887 (Bond & de Schauensee, 1944:12; ANSP, as

"Saint Andrew's Island"); Fisher, 27 Apr. 1929 (Fisher & Wetmore, 1931:3); Greenway, 15-16 Mar. 1933 (MCZ); Ripley, 3 Jan. 1937 (CM); Dawson and Feathers, 27-29 Mar. 1941 (ANSP); very extensive plantings of coconuts, Bond, 21-26 Apr.-4 May 1948 (Bond, 1950:51; ANSP); Paulson, 14-18 Dec. 1966, Orians, 12-15 Apr. 1967, and Leck, 22-30 July 1967 (Paulson, Orians, & Leck, 1969:755); collector ?, date ? (Borrero, 1972b:402); Russell, et al., 6-12 Apr. 1972 (Russell, Barlow, & Lamm, 1979:98; Barlow & Nash, 1985).

SAN ANDRÉS Y PROVIDENCIA, INTENDENCIA DE 1230/8145 (USBGN)
Consists of Isla de San Andrés [1232/8142 (USBGN)] and Isla de Providencia [1321/8122 (USBGN)] and their associated cays, ca. 200 km off Nicaragua in Caribbean.

SAN ANTONIO; Cauca 0239/7741 (USBGN)
ca. sea level, on Pacific coastal plain of southernmost Cauca, ca. 30 km inland from Guapí [0236/7754 (USBGN)], on Río Guajuí [Río Guaquí, 0241/7748 (USBGN)], von Sneidern, 16 Dec. 1937, 13, 24-25, 28, Jan., 15, 18-19 Feb., 5 May, 7, 9, 15, 22, 29 July, 2, 12 Aug, 2 Sept., 1, 25, 28 Oct., 5, 7 Nov., 15-16, 30 Dec. 1938 (ANSP); Olivares, in general area, 21 Nov. 1955-19 Jan. 1956 (Olivares, 1957a:359; 1957b:59; both as "San Antonio de Guajuí"); Romero (1980:2) gives coordinates of 0234/7754.

SAN ANTONIO; Cauca (Bond & de Schauensee, 1940:162); see Gamboa.

SAN ANTONIO; Cundinamarca (Chapman, 1917:531); see San Antonio de Tena.

SAN ANTONIO; Huila 0157/7629 (USBGN)
2,500 m, on eastern slope of Central Andes at headwaters of Río Magdalena [1106/7451 (USBGN)], near San Agustín [0153/7616 (USBGN)], Hershkovitz, Aug. 1951 (Blake, 1955:21; FMNH); does not appear on our maps.

SAN ANTONIO; La Guajira 1103/7326 (USBGN)
3,450 ft [1,050 m] (Salvin & Godman, 1880:120); 4 km S of Caracasaca [1105/7327 (USBGN)] and 8 km N of El Pueblito [1059/7327 (USBGN)] on middle Río Garavito [1106/7328 (USBGN)] on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (Atlas, 1977); MHA shows this at ca. 1058/7327; a specimen was obtained here prior to 1853 and described by Gould (1854, Proc. Zool. Soc. London, 1853, p. 62; Salvin & Hartert, 1892, Cat. Birds Brit. Mus., 16:173); Simons, 28 Aug. 1878 (Salvin & Godman, 1880:120); Brown, 19-22, 25-27 July 1899 (Todd &

Carriker, 1922:124; MCZ); de Schauensee, 1952a:1135, as "San Antonio, Magdalena."

SAN ANTONIO; Magdalena (de Schauensee, 1952a:1135); see San Antonio, La Guajira.

SAN ANTONIO; Meta (Borrero, 1960a:504); see Hacienda San Antonio.

SAN ANTONIO; Nariño (CU); see San Antonio, Valle del Cauca.

SAN ANTONIO; Putumayo ca. 0031/7645 (Atlas, 1977)
ca. 250 m, close to eastern base of Andes on left bank of Río Guamués [0032/7633 (USBGN)], 22 km from its mouth on Río Putumayo [0307S/6758 (USBGN)] (MHA; Atlas, 1977); von Sneidern, at 400 m, 12 Oct. (Parkes, 1980, Proc. Biol. Soc. Washington, **83**:66, as "San Antonio Guamuez"), 21 Oct. (Robbins & Ridgely, 1992, Condor, **94**:986), Nov. 1969 (FMNH); von Sneidern, 3 Oct.-4, 6 Nov. 1969, Mar.-Apr. 1971 (Fitzpatrick & Willard, 1982:153, 155, as "San Antonio Guamuez"; Atyeo, Gaud, & Pérez, 1984, Acarologia, **25**:69).

SAN ANTONIO; Valle del Cauca 0330/7638 (USBGN)
5,800 ft [1,750 m] (Bangs, 1908:157); 6,600 ft [2,000 m] (Chapman, 1917:654); 1,900-2,340 m (de Schauensee, 1948a:327); on eastern slope of Western Andes, 10 km NW of Cali [0327/7631 (USBGN)], on road from Buenaventura [0353/7704 (USBGN)] (MHA); just E of Las Cruces pass [ca. 0330/7640], in early 1900s crest and western slope had subtropical cloud forest, eastern slope was grass-covered with no trees or shrubs except in ravines (Chapman, 1917:21, 24, 654); now almost deforested (Lehmann, 1957:148); specimens collected on both slopes but generally labeled as "San Antonio," although western slope more properly known as Tocotá [0331/7639 (USBGN)], which see (de Schauensee, 1950a:errata et corrigenda; 131); not to be confused with the more prominent, arid San Antonio [0313/7639 (USBGN)], 30 km SW of Cali and also on eastern slope (Lehmann, 1957:148; Mapa, Valle, 1973); André, sometime between Mar.-May 1899 (Simon & Dalmas, 1901:217); Palmer, 31 Oct. 1907-6 Jan. 1908 (MCZ), 13 June 1909 (Hellmayr, 1911:1189); Richardson, 4 Jan.-21 Feb. 1911, Chapman, et al., 30 Mar.-7 Apr. 1911 (Chapman, 1917:21-22, 654; CU); Fuertes, 27, 30 Mar.-6 Apr. 1911 (CU, as "San Antonio, Nariño"); von Sneidern, 1 Oct. 1938, 5 July 1939 (UMMZ); Sibley, 24 June 1956 (CU); A. H. Miller, at San Antonio, 18, 30 Apr., 18, 30 July, 13, 26 Dec. 1958, 2, 5, 13 Jan. 1959, 4, 9, 14, 20, 22 Mar. 1965 and 4-8 km NW at biological station Santo Domingo, at 6,500 ft [2,000 m], patches of cloud forest, pasture, second growth, Feb. 1958-Jan. 1959 (Miller,

1958:297; 1963:2-3; Miller & Miller, 1968:88; MVZ); various observers, 15 Mar. 1981 (Murcia, 1981:3); Heredia, 7-14 Feb. 1982 (Heredia, 1990); collector ?, date ? (Cantillo, 1983:72); Kattan, et al., Oct. 1989-Feb. 1991 (Kattan, et al., 1994:139); see, also, La Horqueta.

SAN ANTONIO, HACIENDA; see Hacienda San Antonio.

SAN ANTONIO DE GUAJUÍ (Olivares, 1957a:359); see San Antonio, Cauca.

SAN ANTONIO DEL RÍO; Magdalena 0938/7446 (USBGN)
ca. 25 m, on right bank of lower Río Magdalena [1106/7451 (USBGN)]
across river from Córdoba [0938/7447 (USBGN)] (MHA, as "Barbú");
formerly "Barbú" or "Barbudo" (USBGN); probably "Varrud" of
Chapman, 1917:58, 287, 656, is an orthographic error; see "Varrud."

SAN ANTONIO DE PRADO; Antioquia 0611/7540 (USBGN)
ca. 1,500 m, 10 km SSW of city of Medellín [0615/7535 (USBGN)] (IGAC
[Antioquia]); Benjamín, Nov. 1964, Dec. 1967 (Iafrancesco, et al.,
1987:83); collector ?, 31 July 1966, 3 May 1971, 10 May 1976, Isaza and
Serna, 4 June 1971 (Serna, 1980:6, 44, 87, 93); Gómez, et al., on highway
between Itagüí [0610/7536 (USBGN)] and San Antonio [de Prado] 1,600 m,
15 Oct. 1989 (Anonymous, 1990c).

SAN ANTONIO DE TENA; Cundinamarca 0437/7421 (USBGN)
1,521 m, on western slope of central Eastern Andes, in valley of Río
Bogotá [0418/7448 (USBGN)], 9 km NW of Salto de Tequendama
[0435/7418 (USBGN)], 12 km ESE of La Mesa [0438/7428 (USBGN)], and
5 km SE of Tena [0440/7424 (USBGN)] (MHA); collector ?, date ?
(Chapman, 1917:531, as "San Antonio (south of Bogotá)"); Dugand,
1948a:197); Nicéforo, between La Mesa and San Antonio de Tena at 1,300
m, date ? (Nicéforo, 1947:359).

SAN ANTONIO GUAMUEZ (Parkes, 1980:66); see San Antonio, Putumayo.

SAN AGUSTÍN (Zimmer, 1944:406); see San Agustín.

SAN BENITO; see Bogotá.

SAN BORJA, RAUDAL; Vichada 0601/6725 (USBGN)
ca. 100 m, rapids on Río Orinoco [0837/6215 (USBGN)], 15 km S of
Puerto Carreño [0612/6722 (USBGN)], on Colombia/Venezuela border
(MHA); Pinto and Bernal, 17 Mar. 1971 (Romero, 1977b:2).

SAN CARLOS; Antioquia 0611/7458 (USBGN)
1,036 m, on eastern slope of northern Central Andes, near head of Río San Carlos [0615/7450 (USBGN)], 65 km E of Medellín [0615/7535 (USBGN)] and 45 km W of Río Magdalena [1106/7451 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1968:271); Serna, 5 July 1960, 26, 28-30 Aug. 1968, Serna and Pérez, 30 July, 28-29 Aug. 1968, Serna and Marín, 27-28, 30 Aug. 1968 (Serna, 1980:28, 38-39, 41, 58-59, 63, 75, 95); Serna, 1988 (Serna, 1992a:15).

SAN CARLOS; Bolívar 0943/7514 (USBGN)
ca. 250 m, on eastern side of Serranía de San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], 12 km W of El Carmen de Bolívar [0943/7508 (USBGN)] (MHA, as "Bombacho"; Atlas, 1977); Haffer and Beattie, 6 Sept. 1960, Beattie, 30 Jan., 2 Feb. 1961 (Haffer & Borrero, 1965:45, 46, 48); Borrero, nearby, 24 Nov. 1960 (ANSP); collector ?, date ? (Romero & Morales, 1981:296, as "San Carlos Bombacho").

SAN CARLOS; Guainía Not located
100-150 m, in extreme southeastern Guainía, apparently on the Río Negro [0308S/5955 (USBGN)] and Venezuelan border, collector ? [Castro ?], date ? [1967] (Hilty & Brown, 1986:viii-ix); appears to be near San Felipe [0155/6706 (USBGN)] and probably has some connection with San Carlos de Río Negro [0155/6704 (USBGN)], across the river in Venezuela; see, also, San Felipe

SAN CARLOS BOMBACHO (Romero & Morales, 1981:296); see San Carlos, Bolívar.

SAN CARLOS DE GUAROA; Meta 0344/7314 (USBGN)
ca. 1,000 m, on eastern llanos on Río Guamal [0343/7322 (USBGN)], an affluent of Río Metica [0410/7256 (USBGN)], 68 km SE of Vallavicencio [0409/7337 (USBGN)] (Atlas, 1977); collector ?, 23-24 Nov. 1960 (Borrero & Hernández, 1961:430-431; Nicéforo & Olivares, 1966:383; Olivares, 1974a:66); Vaquero, 7 Aug. 1972 (Serna, 1980:7).

SAN CAYETANO; Cundinamarca 0518/7404 (USBGN)
2,208 m, on western slope of central Eastern Andes, 78 km N of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:320; Dugand, 1942:75).

SAN CAYETANO; Norte de Santander 0753/7238 (USBGN)
ca. 100 m, in valley of upper Río Zulia [0904/7218 (USBGN)], 14 km W

of Cúcuta [0754/7231 (USBGN)], at eastern base of northern Eastern Andes (MHA); Nicéforo, June 1941, 11 Apr. 1949, 26 June 1971, on Río Peralonso [0756/7235 (USBGN)], 29 Jan. 1949 (Nicéforo, 1947:356, as "40 km W of Cúcuta"; Iafrancesco, et al., 1985:53; 1986:79; 1987:78).

SÁNCHEZ, LAGUNA; see Puracé, Volcán.

SAN CORCOVA (WVZ); see La Corcova.

SAN CRISTÓBAL; Antioquia 0617/7538 (USBGN)
ca. 2,000 m, on western slope of Central Andes, 8 km W of Medellín [0615/7535 (USBGN)] and 12 km SW of Bello [0620/7535 (USBGN)] (MHA); Serna, 3 May, 7 Mar., 11 Nov. 1975 (Serna, 1980:61, 77, p. 17, as "Barrio San Cristóbal").

SAN CRISTÓBAL; Bolívar 0953/7515 (USBGN)
ca. 100 m, at western base of Serranía San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], 15 km SSE of María la Baja [0959/7517 (USBGN)] and 8 km E of San José del Playón [0953/7520 (USBGN)] (Atlas, 1977); Beattie, Feb., 26 Mar. 1961 (Haffer & Borrero, 1965:36, 46).

SAN CRISTÓBAL; Cundinamarca 0434/7405 (USBGN)
ca. 2,600 m, southern suburbs of Bogotá [0436/7405 (USBGN)]; not on our maps; collector ?, date ? (Nicéforo, 1940:321); Borrero, June 1947 (Borrero, 1947:496); presumably "Boquerón de San Cristóbal" of Olivares (1969b:187) is equivalent.

SAN CRISTÓBAL, BOQUERÓN DE (Olivares, 1969b:187); see San Cristóbal, Cundinamarca.

SANCUDO (Todd, 1927, Proc. Biol. Soc. Washington, 40:176); see El Zancudo.

SAN DIEGO (ANSP); see Don Diego.

SANDÓ, QUEBRADA; Chocó 0503/7657 (USBGN)
Small tributary of lower Río Baudó [0457/7722 (USBGN)], flowing NW from southern Serranía de Baudó [0600/7705 (USBGN)], southern coastal Chocó (MHA); von Sneider, Oct. 1958 (FMNH, as "Río Sandó").

SANDÓ, RÍO (FMNH); see Sandó, Quebrada.

- SANDONÁ; Nariño** 0117/7728 (USBGN)
1,948 m, on western slope in valley of Río Guátara [0134/7727 (USBGN)], 22 km WNW of Pasto [0113/7717 (USBGN)] and 5 km NE of Ancuyá [0115/7731 (USBGN)] (MHA); Mena, 17, 20, 22, 24-25, 27-30 Aug., 4, 10, 15, 19, 24-26 Sept. 1950 (de Schauensee, 1951b:2; ANSP).
- SAN FAUSTINO; Norte de Santander** 0804/7224 (USBGN)
567 m, on lower Río Pamplonita [0820/7221 (USBGN)] just before it emerges from lower slopes of northern Andes, 5 km W of Venezuela border and 22 km NE of Cúcuta [0754/7231 (USBGN)] (MHA); collector ? [Nicéforo ?], date ? (Nicéforo & Olivares, 1967:418).
- SAN FELIPE; Guainía** 0155/6706 (USBGN)
ca. 100 m, settlement on Colombia/Venezuela frontier on western bank of Río Negro [0308S/5955 (USBGN)] across from San Carlos [de Río Negro; 0155/6704 (USBGN)], Venezuela, ca. 12 km S of confluence with Brazo Casiquiare [0201/6707 (USBGN)] (Mapa, 1976); Holt, Blake, and Agostini, 29-30 Jan. 1931 (Friedmann, 1948:375, as, e.g., p. 404, "Colombia, bank of Río Negro"); Castro, whose specimens are labeled "Colombia, across from San Carlos, Venezuela," mid-Aug. to early Sept. 1947 (Dugand & Phelps, 1948:226).
- SAN FÉLIX; Antioquia** ca. 0620/7535
Alt.?.; in municipio of Bello [0620/7535 (USBGN)], south-central Antioquia, N of Medellín [0615/7535 (USBGN)] (Dicc. Geog.); Alvarez-López, 9-13 Oct. 1972 (Alvarez-López, 1993), Alvarez-López and Heredia, 25-26 Dec. 1995 (Alvarez-López & Heredia, 1996).
- SAN FÉLIX; Caldas** 0526/7520 (USBGN)
ca. 2,500 m, on western drainage of middle Central Andes, 17 km ESE of Salamina [0525/7529 (USBGN)] and just below western edge of Páramo San Félix [0525/7519 (USBGN)] (MHA; IGAC [Caldas]); collector ?, date ? (Dugand, 1948a:178); Serna, 15 June 1973 (Serna, 1980:77).
- SAN FÉLIX; Valle del Cauca** Not located
180 m, in coastal foothills of western Andes in vicinity of Río Dagua [0352/7704 (USBGN)], André, sometime between Mar.-May 1899 (Simon & Dalmas, 1901:216); probably on railway between Buenaventura [0353/7704 (USBGN)] and its terminus at that time at San José [0351/7652 (USBGN)].
- SAN FERNANDO; Santander** 0614/7413 (USBGN)
ca. 200 m, at western base of central Eastern Andes, 35 km SE of Puerto

Berrío [0629/7424 (USBGN)] and 30 km WSW of Cimitarra [0618/7357 (USBGN)] (Atlas, 1977); collector ?, at Río Carare [0648/7406 (USBGN)], apparently where road from Cimitarra to San Fernando crosses river, date ? (Olivares, 1967:46, 56).

SAN FRANCISCO; Antioquia ca. 0628/7525 (Atlas, 1977)
ca. 2,500 m, on left side of valley of Río Medellín [or Río Porce, 0728/7453 (USBGN)] ca. 35 km NE of Medellín [0615/7535 (USBGN)] and 15 km NE of Girardota [0623/7527 (USBGN)] (Atlas, 1977); collector ?, 8 Oct. 1966 (Serna, 1980:99, as "Girardot (San Francisco)")

SAN FRANCISCO; Cauca Not located
Northern Cauca, Lehmann, date ? (Lehmann, 1945:94).

SAN FRANCISCO; Cundinamarca 0458/7418 (USBGN)
ca. 1,500 m, on lower western slope of central Eastern Andes, 33 km WSW of Zipaquirá [0502/7400 (USBGN)] and 16 km NNE of Facativá [0449/7422 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1967:403).

SAN FRANCISCO; La Guajira 1100/7326 (USBGN)
ca. 1,000 m (erroneously given as 6,000 ft [1,825 m] by Bangs, 1898c:171), at junction of Quebrada Malungaca [ca. 1100/7326 (Atlas, 1977)] and Río Garavito [1106/7328 (USBGN)] on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 4 km NNE of El Pueblito [1059/7327 (USBGN)] (Atlas, 1977); Brown, 1 June 1898, 21-25, 31 Jan., 1, 5-7 Feb. 1899 (Bangs, 1898c:176; 1899a:101; Bangs & Penard, 1921, Proc. Biol. Soc. Washington, 34:92; MCZ).

SAN FRANCISCO; Nariño 0133/7731 (USBGN)
ca. 1,000 m, 35 km NW of Pasto [0113/7717 (USBGN)] and 35 km WSW of La Unión [0136/7709 (USBGN)] (Atlas, 1992); on eastern slope of Andes, Hilty, ca. 20 km E, 2 June 1981 (Hilty & Brown, 1986:421).

SAN FRANCISCO; Putumayo 0111/7653 (USBGN)
2,250 m, on eastern slope, at headwaters of Río Putumayo [0307S/6758 (USBGN)], 43 km E of Pasto [0113/7717 (USBGN)] and 4 km SE of Sibundoy [0112/7655 (USBGN)] (MHA); collector ? [Olivares ?], in dense forest at 3,000 m, below Cerro Pacho [not located], date ? (Olivares, 1967:48).

SAN FRANCISCO, Río; Cauca 0230/7741 (USBGN)
An affluent of Río Napí [0230/7747 (USBGN)] which in turn is a tributary

of Río Guapí [0239/7756 (USBGN)], rising on western slope of Andes in southern Cauca (Atlas, 1977); collector ?, where on river ?, ca. Dec. 1955 (Olivares, 1957b:55); Negret and Acevedo, 25 Apr. 1989 (Negret & Acevedo, 1990, as "Cañón Río San Francisco, Puracé").

SAN FRANCISCO DE COBARÍA; Boyacá Not located
Subtropical, on Río Cobaría [0703/7204 (USBGN)], an affluent of upper Río Arauca, in northeastern Boyacá, García, Feb. 1953 (Nicéforo, 1955b:180, 181).

SAN GIL; Santander 0633/7308 (USBGN)
1,095 m, on Río Fonce [0631/7317 (USBGN)], a tributary of Río Suárez [0646/7312 (USBGN)], which itself is a tributary of Río Sogamoso [0713/7356 (USBGN)], on western slope of northern Eastern Andes (MHA); dry, sparse vegetation (pers. obser.); Nicéforo, 15 Oct. 1933, 9 May 1934 (Nicéforo, 1947:357, 369), Jan., 3, 8 May-17 July, 3 Nov. 1939 (Nicéforo, 1945:379, 394; Serna, 1980:14; ANSP), June 1941, July 1942 (Friedmann, 1947:482), 10 Oct. 1944, 4, 8, 10-11, 14, 17-19, 23-24, 29 Oct., 4, 10-11, 19-21, 25 Nov. 1945, 24 July, 17 Aug. 1946, 15 Feb., 24-25, 29 Sept., 4-5, 10, 14, 23, 26, 28 Oct., 4, 16, 18 Nov. 1948 (Nicéforo, 1947:339ff; Serna, 1980:73, 104; CM; Iafrancesco, et al., 1986:49, 55; 1987:82, 92; 1988:124; ANSP); Marinkelle, 4 May 1966, 10, 21-22 Apr. 1967 (UMMZ), May (WFVZ), and nearby 3 June 1966 (UMMZ); Carriker, nearby, 25 Nov. year ? (LACMNH).

SAN GILBERTO; Cesar Not located
Marinkelle, 25 Oct. 1968 (WFVZ).

SAN IGNACIO; Atlántico ca. 1054/7453
Alt. ?; finca near Galapa [1054/7453 (USBGN)] on Caribbean coastal plain, Dugand, date ? (Dugand, 1940d:28).

SAN ISIDRO; Bolívar 0946/7513 (USBGN)
ca. 250 m, 15 km NW of El Carmen de Bolívar [0943/7508 (USBGN)] in central Serranía de San Jacinto [0940/7520 (USBGN)], a part of Montañas de María [0940/7515 (USBGN)] which in turn is the northern part of Serranía de San Jerónimo [0800/7550 (USBGN)] (Atlas, 1977; MHA); Haffer and Beattie, 16 Sept. 1960 (Haffer, 1961a:397-398).

SAN ISIDRO; Cauca; see Las Guacas.

SAN ISIDRO; Valle del Cauca ? Not located
2,700 ft [800 m], Raap [1904 ?] (Hellmayr, 1911:1189, also as "Isidro");

source of *Picumnus granadensis*, a tropical and subtropical form of the middle and upper Cauca Valley and Patía Valley, and on western slope of Western Andes in Dagua Valley; locality probably in Dagua Valley; also see Media Luna.

SAN JACINTO; Bolívar 0950/7508 (USBGN)
239 m, on lower eastern slope of Serranía San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], 13 km WSW of San Juan Nepomuceno [0957/7505 (USBGN)] and 11 km N of El Carmen de Bolívar [0943/7508 (USBGN)] (MHA); Haffer, or Beattie, or both ?, "W" or 10 km W, Sept. 1960 or between Jan.-Mar. 1961 (Haffer & Borrero, 1965:34, 37, 38, 40, 47).

SAN JACINTO, SERRANÍA DE; Bolívar 0940/7520 (USBGN)
ca. 800 m, at northern end of Serranía de San Jerónimo [0800/7550 (USBGN)], also called Montañas de María [0940/7515 (USBGN)], the northernmost extension of the Western Andes, remnants of tropical moist/dry deciduous forest, coffee forest, second-growth, and clearings, Haffer and Beattie, Sept. 1960, Jan.-Mar. 1961, at María la Baja [0959/7517 (USBGN)], Arroyo Playón [ca. 0953/7520], San Cristóbal [0953/7515 (USBGN)], Arroyo Cacao [ca. 0955/7517], San Juan Nepomuceno [0957/7505 (USBGN)], San Jacinto [0940/7520 (USBGN)], San Isidro [0946/7513 (USBGN)], Casona [0944/7517 (USBGN)], San Carlos [0943/7514 (USBGN)], Arroyo Camaroncito [ca. 0944/7519], Lázaro [0943/7519 (USBGN)], Arroyo Tigre [ca. 0943/7522], and Palmira [0943/7525 (USBGN)], which see.

SAN JERÓNIMO; Antioquia 0627/7545 (USBGN)
820 m, on lower slope of western side of Central Andes, 28 km NW of Medellín [0615/7535 (USBGN)] (MHA); collector ?, 15 Aug. 1957, 14 Dec. 1966, 10 Aug. 1967, 15 Aug. 1969, 20 July 1974, 23 Oct. 1976, Serna, 23 Oct. 1976, 15 Sept. 1979, Serna, Botero, et al., 15 Nov. 1979 (Serna, 1980:25, 62-63, 66, 72, 75, 84-85, 88); Olarte, at 2,000 m, 10 Oct. 1994 (SAO).

SAN JOAQUIM, BAHÍA DEL CHOCÓ (Hellmayr, 1911:1086); see San Joaquín, Istmo de.

SAN JOAQUIM (BUENAVENTURA) (Hellmayr, 1911:1115); see San Joaquín, Istmo de.

SAN JOAQUÍN; Cauca Not located
“...just west of Popayán [0227/7636],” Wallace, 1 Mar. 1956 (Wallace, 1958:180).

SAN JOAQUÍN, ISTMO DE; Valle del Cauca ca. 0405/7702 (MHA)
ca. 200 m, short ridge running roughly E/W, between Río Calima [0408/7704 (USBGN)] and El Guineo [0404/7703 (USBGN)], ca. 25 km N of Buenaventura [0353/7704 (USBGN)] (MHA); Palmer, 1, 3-4 Aug. 1908 (Hellmayr, 1911:1086ff, as “San Joaquim, Bahía del Chocó” or, p. 1115, as “San Joaquim (Buenaventura)”).

SAN JOAQUÍN, RÍO; Cauca 0239/7707 (USBGN)
Rising on northern half of Cerro Munchique [0232/7657 (USBGN)] and flowing westward to empty into Río Menchegue [0240/7712 (USBGN)], 25 km S of López [0258/7714 (USBGN)] (Atlas, 1977); Negret, in Parque Nacional Natural Munchique [0244/7701 (WCMC)], on Cerro Munchique, at 1,600 m, Feb. 1987, May 1988 (Negret, 1991:44, as “Río San Joaquín”), at 1,500 m, Aug. 1990 (Negret, 1997a:47-48).

SAN JORGE, RÍO; Cauca 0156/7708 (USBGN)
Rises on western slope of Western Andes, E of Bolívar [0150/7658 (USBGN)], and flows NW and then SW to join the stream Dos Ríos [0157/7711 (USBGN)], a tributary on left bank of upper Río Patía [0213/7840 (USBGN)] (MHA); Haffer, at 700 m, at bridge on road from El Bordo [0206/7658 (USBGN)] to Bolívar, Nov. 1965 (Haffer, 1986:541); Negret, at 1,500 m, Aug. 1988 (Negret, 1991:42).

SAN JORGE, RÍO; Córdoba/Sucre/Bolívar 0907/7444 (USBGN)
Flows from southern Córdoba N across Sucre to join Brazo de Loba [0920/7442 (USBGN)] in central Bolívar (MHA); Graham, ca. 1916-18, on lower Río San Jorge between San Benito [= ? San Benito Abad, 0856/7502 (USBGN)] and Jegua [0854/7458 (USBGN)], Sucre (Wetmore, 1963: 547); Haffer, on upper Río San Jorge, at Sitio Nuevo [not located], date ? (Haffer, 1967a:356).

SAN JOSÉ; Antioquia (MHA); see San José del Nus.

SAN JOSÉ; Cesar 1045/7324 (USBGN)
5,000 ft [1,500 m], Simons, 14-15 Mar. 1878 (Salvin & Godman, 1879:199, 200) and 8-9 June 1879 (Salvin & Godman, 1880:118, 122); on upper Río Guatapurí [1027/7312 (USBGN)] (Todd & Carriker, 1922:124); on eastern side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 10

km N of Atanquez [1042/7321 (USBGN)] (de Schauensee, 1948a:328); Carriker, up to 7,000 ft [2,150 m], 12-16, 18-25 June 1945 (USNM).

SAN JOSÉ; Chocó Not located
On Río Truandó [0726/7707 (USBGN)], northern Chocó, collector ?, date ? (Nicéforo, 1947:343).

SAN JOSÉ; Valle del Cauca 0351/7652 (USBGN)
382 ft [115 m] (Chapman, 1917:654); 180 m (de Schauensee, 1948a:328); 28 km E of Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); old terminus of railroad, high rainfall, dense forest [1910] (Chapman, 1917:654); André, sometime between Mar.-May 1899 (Simon & Dalmas, 1901: 216); Richardson, 27 Nov.-18 Dec. 1910 (Chapman, 1917:21); collector ?, date ? (Cantillo, 1983:72).

SAN JOSÉ, RÍO; see Aguacatal, Río.

SAN JOSÉ DEL GUAVIARE; Guaviare 0235/7238 (USBGN)
255 m, on right bank of upper Río Guaviare [0403/6744 (USBGN)] on northern border of Guaviare (MHA); Gil, May-Dec. 1961 (Olivares, 1964a:163); collector ? [Gil ?], Dec. 1961, May 1967 (Olivares, 1974a:77ff); collector ?, date ? (Borrero, 1972b:402); Negret, second week of Jan. 1992 (Negret, 1994c)

SAN JOSÉ DEL NUS; Antioquia 0629/7450 (USBGN)
ca. 700 m, on eastern slope of northern Central Andes, on middle Río Nus [0613/7439 (USBGN)], 30 km SE of Cisneros [0633/7504 (USBGN)] and 13 km NNW of Caracolí [0624/7445 (USBGN)] (MHA, as "San Jose"); collector ?, date ? (Borrero, 1972b:399).

SAN JOSÉ DEL PLAYÓN (Atlas, 1977); see Playón, Arroyo.

SAN JUAN; Huila 0253/7528 (USBGN)
ca. 800 m, in upper valley of Río Magdalena [1106/7451 (USBGN)] at eastern base of Central Andes, 24 km WSW of Neiva [0256/7518 (USBGN)], near headwaters of Río Tune [0255/7525 (USBGN)] (MHA); von Sneider, June 1940 (FMNH).

SAN JUAN, FUENTES TERMALES; Cauca Not located
3,100-3,200 m, on eastern slope of Central Andes, just below páramo in Moscopán region [ca. 0220/7605], Lehmann, 23 May 1958 and other dates ? (Lehmann, 1960a: 258-259; MVZ, as "Termales San Juan"); Arvey, 25 May 1960 (LACMNH); Negret and Acevedo, place in Parque Nacional

Puracé, 8 June 1986 (Negret & Acevedo, 1990, as "Termales de San Juan").

SAN JUAN, RÍO; Antioquia 0847/7631 (USBGN)
Major river in northernmost Antioquia, rising below Alto de Quimari [0807/7623 (USBGN)] and flowing N parallel to Antioquia/Córdoba border, entering Caribbean at Punta San Juan [0848/7631 (USBGN)] (MHA); Haffer, ca. 1958-59 (Haffer, 1959:23).

SAN JUAN, RÍO; Chocó/Valle del Cauca 0403/7727 (USBGN)
Major river on Pacific coastal plain, originating on western slope of northern middle Western Andes at ca. 05°30', and flowing W, then S, and finally W to reach Pacific ca. 45 km NW of Buenaventura [0353/7704 (USBGN)] (MHA); Palmer, at Noanamá [0442/7656 (USBGN)], 22 Aug.-5 Sept., 17-22 Oct., 26 Nov. 1908, 4-16 Jan. 1909 (Hellmayr, 1911:1094ff; CU) and Miller and Allen, also, 29 Dec. 1911, 2 Jan. 1912 (Chapman, 1917:650); Palmer, where ? [Noanamá ?], 31 May-2 June 1909 (CU); Palmer, at Tadó [0516/7632 (USBGN)], 28 Feb., 29-30 Apr., 1-3, 7-8, 17-19, 21, 27 May, 2, 8, 12, 16-18, 26, 28 June 1909 (Hellmayr, 1911:109ff; MCZ; CU); Carriker, at Andagoya [0506/7641 (USBGN)], Apr. 1918 (FMNH), at Malaguita [0410/7710 (USBGN)], 15 May 1918 (Todd, 1919:116, as "Malagita"), and at Punto Muchimbo [ca. 0409/7704], 24 Dec. 1950 (Wetmore, 1951:4); Martínez, at headwaters, 4 Sept., 4 Nov. 1966, collector ?, in Chocó, 7 May 1971 (Serna, 1980:23, 24, 40, 48; Iafancesco, et al., 1989:140); Posada, at Playa de Oro [0519/7624 (USBGN)], 31 Jan., 8-10 Mar. and Marinkelle, at Playa de Oro, 7, 14-15 Mar. 1970 (WVZ); collector ?, locality ?, date ? (Borrero, 1970:702).

SAN JUAN, SALINA DE; La Guajira 1144/7236 (USBGN)
Sea level, short distance S of Manaure [1147/7227 (USBGN)], on coast at western base of Península de la Guajira [1200/7130 (USBGN)], Serna, 1980 and/or 1981 (Serna, 1984:2, 19, as "Salinas de San Juan"); does not appear on maps available to us.

SAN JUAN, SALINAS DE; see San Juan, Salina de.

SAN JUAN, TERMALES (MVZ); see San Juan, Fuentes Termales.

SAN JUAN, TERMALES DE (Negret & Acevedo, 1990); see San Juan, Fuentes Termales.

SAN JUAN DE ARAMA; Meta 0326/7350 (USBGN)
ca. 400 m, on llanos de San Juan [0320/7340 (USBGN)], 12 km NE of

northern end of Serranía de la Macarena [0245/7355 (USBGN)] (Atlas, 1977); von Sneider, Mar. 1956 (YPM), 6 Apr. 1957 (Blake, 1959:2); collector ?, 30-31 Mar. 1971 (Olivares, 1974a:69, 92); collector ?, date ? (Borrero, 1972b: 401); Lemke & Gertier, 1979:453(map), as "San Juan de Aramas"; also see Los Micos, Meta.

SAN JUAN DE ARAMAS (Lemke & Gertier, 1979:453(map)); see San Juan de Arama.

SAN JUAN DE CESAR (Todd & Carriker, 1922:124); see San Juan del Cesar.

SAN JUAN DE CIÉNAGA (MHA); see Ciénaga.

SAN JUAN DE GUÍA, CABO; Magdalena 1121/7359 (USBGN)
Sea level, point on Caribbean coast 28 km ENE of Santa Marta [1115/7413 (USBGN)] (MHA); although listed by Todd & Carriker, 1922:109, may not be collecting locality.

SAN JUAN DEL CESAR; La Guajira 1046/7301 (USBGN)
270 m, near head of Río Cesar [0900/7358 (USBGN)], between Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and Serranía de Perijá [1000/7300 (USBGN)] (MHA, as "San Juan de Cesar"); Carriker, 1920 (Todd & Carriker, 1922:124, 580-581, as "San Juan de Cesar"), but possibly not a collecting locality.

SAN JUAN DE MICAY, RÍO; Cauca 0305/7732 (USBGN)
Rises on Pacific slope of Western Andes SW of Cerro Munchique [0232/7657 (USBGN)] and flows N and then W to Pacific (MHA); von Sneider, at ca. 250 m at confluence with Río Mechengue [0240/7712 (USBGN)], dense rain forest, Oct. 1970 (FMNH).

SAN JUAN [DE] OSCURO; Valle del Cauca ? Not located
Batty, June 1898 (MCZ, as "San Juan Oscuro"); presumably on Río Oscuro [not located] on western slope of Western Andes; see Oscuro, Río.

SAN JUAN DE RÍOSECO; Cundinamarca 0451/7438 (USBGN)
1,303 m, E of upper Río Magdalena [1106/7451 (USBGN)], in western foothills of middle Eastern Andes, 18 km NE of Ambalema [0447/7446 (USBGN)] (MHA); collector ?, date ? (Niséforo, 1940:322); Niséforo, date ? (Friedmann, 1947:485).

SAN JUAN NEPOMUCENO; Bolívar 0957/7505 (USBGN)
167 m, in northern Bolívar at northeastern base of Montañas de María

[0940/7515 (USBGN)] and Serranía de San Jacinto [0940/7520 (USBGN)], 26 km N of El Carmen de Bolívar [0943/7508 (USBGN)] (MHA); Hershkovitz, Jan. 1949 (Hershkovitz, 1977:926; Blake, 1955:15); Haffer, or Beattie, or both ?, Sept. 1960 or between Jan.-Mar. 1961 (Haffer & Borrero, 1965:32, 50).

SAN JUAQUÍN, RÍO (Negret, 1991:44); see San Joaquín, Río.

SAN JULÍAN, HACIENDA; see Hacienda San Julián.

SAN LORENZO; Magdalena (Allen, 1900a:128ff); see San Lorenzo, Cuchilla.

SAN LORENZO; Norte de Santander Not located
Near El Diamante [0734/7238 (USBGN)], on eastern slope of northern Eastern Andes, Nicéforo, 12 Sept., 23 Nov. 1950 (Iafrancesco, et al., 1986:55).

SAN LORENZO, CERRO (Dugand, 1941b:362); see San Lorenzo, Cuchilla.

SAN LORENZO, CUCHILLA; Magdalena ca. 1110/7407 (IGAC [Mag.]
ca. 2,600 m, semi-isolated ridge running SW to NE for ca. 15 km, ca. 25 km SE of Santa Marta [1115/7413 (USBGN)], a northwestern outlier of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (IGAC [Mag.]); forested, wetter and heavier E and S (Todd & Carriker, 1922:124); Smith, 2-14, 23 May 1899 (Allen, 1900a:128ff, as "San Lorenzo" and p. 147, as "El Lorenzo"); Hull, 12 May 1899 (Chapman, 1912:154); the western end of ridge, known as "Cerro Quemado" [1106/7403 (USBGN)], is where both Smith and also Carriker worked primarily, although Carriker also spent 31 Oct.-4 Nov. 1920 at eastern end (Todd & Carriker, 1922:124-125); Carriker, from June-Aug. 1911, with known dates of 11, 22 June, 7, 14-19, 22, 24-25, 27-28 July, from Mar.-Apr. 1912, from Sept. 1912-Apr. 1913, with known date of 8 Sept, 3 Feb., 21 Mar., and 19, 21, 23 July 1913 (CM; Todd & Carriker, 1922:124-125; WFFVZ); Ruthven, Carriker, et al., 13-14, 17-18 July 1913 (UMMZ, as "San Lorenzo"); Carriker, 16, 22 Nov. 1926, 16 Jan., 18 July 1927 (CM); Carriker, 1941-1942 (USNM); Johnson, at Estación Experimental Forestal San Lorenzo, on northern slope between 1,900-2,300 m, Feb. 1972-Nov. 1973 (Johnson, 1980:240); Russell, at Estación Experimental Forestal San Lorenzo, Jan., Mar, 1972, May 1973 (LSU, sometimes as "Estación Inderena"); Gardner, 14-15 Oct. 1974 (WFFVZ); Gochfeld and Keith, between 1,650-2,300 m, 16-17 Jan. 1977 (Gochfeld, et al., 1980:199); Russell and Johnson, at 2,000-2,200 m, 11 Feb. 1972, Hilty, at 2,000-2,200 m, mid-Mar., early Aug. years ?, Whitney and Ridgely, 22 Jan. 1983 (Hilty & Brown, 1986:301, 522, as "San

Lorenzo ridge", p. 578, as "Chuchilla de San Lorenzo," p. 666, as "San Lorenzo"); de Schauensee, 1948a:328, as "San Lorenzo Ridge"; Dugand, 1941b:362, as "Cerro San Lorenzo"; also see El Líbano.

SAN LORENZO, CHUCHILLA DE (Hilty & Brown, 1986:578); see San Lorenzo, Cuchilla.

SAN LORENZO, ESTACIÓN EXPERIMENTAL FORESTAL; see San Lorenzo, Cuchilla.

SAN LORENZO, LAGUNA DE; see Cartagena.

SAN LORENZO (DE SANTA MARTA) (Todd & Carriker, 1922:124); see San Lorenzo, Cuchilla.

SAN LORENZO RIDGE (de Schauensee, 1948a:328); see San Lorenzo, Cuchilla.

SAN LUIS; Norte de Santander 0754/7229 (USBGN)
200 m (Nicéforo, 1955a:173); an eastern suburb of Cúcuta [0754/7231 (USBGN)] on right bank of Río Pamplonita [0820/7221 (USBGN)] close to Venezuela frontier (MHA); Nicéforo, date ? (Nicéforo, 1947:376), 30 Dec. 1944, 5 Mar. 1949 (Iafrancesco, et al., 1987:78, 108); Filiberto, 20 Mar. 1949 (Nicéforo, 1955a:173).

SAN LUIS; Valle del Cauca (1) ca. 0340/7640
4,400 ft [1,350 m], in valley of Río Bitaco [0346/7638 (USBGN)] on Pacific slope of Western Andes, Palmer, 3-8 June 1908 (MCZ); probably near La María [0338/7643 (USBGN)] because specimens sometimes taken at both localities on same date.

SAN LUIS; Valle del Cauca (2) ca. 0432/7608
ca. 1,000 m, an area of 30 ha of regenerating forest in town of La Unión [0432/7608 (USBGN)] at eastern base of Western Andes, northern Valle del Cauca, Orejuela and Cantillo, ca. 1980 (Orejuela & Cantillo, 1982); not indicated on available maps.

SAN LUIS DE CUBARRAL; Meta 0347/7351 (USBGN)
ca. 500 m, on left bank of Río Ariari [0235/7245 (USBGN)], 49 km SSW of Villavicencio [0409/7337 (USBGN)], close to eastern base of central Eastern Andes (Atlas, 1977); collector ?, 25 Dec. 1950, 25 Dec. 1964, 20-27 Dec. 1969, Jan. 1970 (Olivares, 1974a:71ff, as "Cubarral").

SAN LUIS DE GACENO; Boyacá 0449/7310 (USBGN)
400 m (Borrero, 1972b:399); on eastern slope of central Eastern Andes in extreme southern Boyacá on Río Lengupá [0449/7304 (USBGN)], a tributary of Río Upía [0418/7245 (USBGN)], 88 km NE of Villavicencio [0409/7337 (USBGN)] (MHA, as "Gaceno"); collector ?, date ? (Borrero, 1972b:399).

SAN MARCOS; Cauca Not located
3,000 m (MVZ); on eastern slope of Central Andes, on Río San Marcos [not located] not far from Páramo de Puracé [ca. 0224/7627] in Moscopán [ca. 0220/7605] region, Lehmann, repeated visits, with known dates of 24-25 July 1957 (MVZ), and above San Marcos at 3,200 m, ca. 1957 (Lehmann, 1957:130, 140); Lehmann, *op. cit.*, p. 140, points out that this is a disputed area claimed by both Huila and Cauca, but governed by Cauca; de Schauensee, 1948a:328, as "Río San Marcos, Huila"; Dugand, 1948a:164, cites a specimen (no date or collector) from Río Marcos, at 3,000 m, on the *western* slope but this must be a slip for "eastern."

SAN MARCOS; Valle del Cauca ca. 0343/7657
50 ft [16 m], 16 mi [26 km] SE of Buenaventura [0353/7704 (USBGN)], Sibley, 15 June 1956 (CU); presumably this site is where the highway crosses the Quebrada San Marcos [ca. 0345/7700 (Mapa, Valle, 1973)] (Mapa, Valle, 1973).

SAN MARCOS, QUEBRADA; Valle del Cauca ca. 0345/7700
(Mapa, Valle, 1973)
Small affluent on right bank of Río Anchicayá [0346/7710 (USBGN)], 22 km SE of Buenaventura [0353/7704 (USBGN)] on Pacific coastal plain (Mapa, Valle, 1973); Lehmann, 2 June 1957 (Lehmann, 1957:125, as "Quebrada de Marcos").

SAN MARCOS, RÍO (de Schauensee, 1948a:328); see San Marcos.

SAN MARTÍN; Amazonas Not located
On Río Amaca-yacú [0348S/7019 (USBGN)], a tributary of the Amazon with its mouth ca. 10 km E of Puerto Nariño [ca. 0349S/7026 (Atlas, 1977)] and 55 km NW of Leticia [0409S/6957 (USBGN)], in the Trapecio Amazónico, Remsen, 3 June 1975 (MVZ).

SAN MARTÍN; Antioquia Not located
In eastern Antioquia near Remedios [0702/7441 (USBGN)], collector ?, 28 Dec 1961, 15 Jan., 12, 15 Feb. 1971, 30 Aug. 1972, 2 Apr. 1974, Isaza, 12 June, 28 Aug. 1968, 29-30 Dec. 1970, 12, 15 Feb., 28-29 June 1971, 28

Dec. 1972, Isaza and Alvarez-López, 30 Dec. 1970, Serna and Alvarez-López, 29-30 Dec. 1970, Serna and Isaza, 13 Jan., 15 July 1968, 27 June, 3, 20, 30 Dec. 1970, 23, 25-30 June, 1 July 1971, 30 Aug., 24, 27-29 Dec. 1972, 1 Apr., 6, 22-29 Dec. 1974, 25 Dec. 1975, 10 Jan., 26-28 Dec. 1976, Serna, 14 Jan. 1969, 20, 29-30 Dec. 1970, 20, 26, 28, 30 June, 1, 27 July, 26 Aug. 1971, 20 May, 30 Aug., 23-28 Dec. 1972, 27 Dec. 1973, 2-4 Apr., 24-26 Dec. 1974, Serna and Cadavid, 1 Apr. 1972 (Serna, 1980:7, 10-12, 20-25, 28, 30, 34, 37-43, 46-48, 51-52, 56-57, 60-61, 64, 66-67, 71-72, 74, 81-82, 84, 89-90, 97, 100-102; Iafrancesco, et al., 1985:62, p. 60, as "Hacienda San Martín"; 1988:123; 1989:138, as "Don Martín").

SAN MARTÍN; Cesar ca. 0800/7331 (IGAC [N. de Santander])
ca. 100 m, in middle Magdalena Valley in southern Cesar, 35 km SW of Río de Oro [0817/7323 (USBGN)] (IGAC [N. de Santander]); Romero, 10 June 1972 (Olivares & Romero, 1973:54).

SAN MARTÍN; Meta 0342/7342 (USBGN)
422 m, in llanos ca. 20 km from base of Eastern Andes, 60 km S of Villavicencio [0409/7337 (USBGN)] and 8 km E of Río Ariari [0235/7247 (USBGN)] (MHA); probable source of many "Bogotá" specimens (de Schauensee, 1948a:329); Detwiler, 1888-89 (Stone, 1899:304); Bedout, date ? (Dugand, 1945b:398); collector ?, Jan. 1945 (Iafrancesco, et al., 1987:114); Lehmann, at San Martín and 50 km E, Feb.-Mar. 1958, with known specific date of 18 Mar. (Lehmann, 1960a:258; MVZ); collector ?, 6 Dec. 1959 (Borrero & Cruz, 1983:55); collector ?, date ? (Niséforo, 1923:321; 1947:33); Acevedo, 14 Nov. 1965 (WFWZ); collector ?, Dec. 1966, 16 Jan. 1967, 3 Aug. 1969, 29 Mar. 1971 (Olivares, 1974a:67ff); collector ?, at nearby Hacienda la Holanda [ca. 0342/7342], date ? (Borrero, 1972b:401); Brown, E of San Martín, Mar. 1960 (Hilty & Brown, 1986:565).

SAN MARTÍN DE AMACAYACU; Amazonas 0347/7021 (Morales, 1988:503)
Alt. ?; in southern Amazonas, ca. 120 km NW of Leticia [0409S/6957 (USBGN)], Campos, date ? (Morales, 1988:503); site does not appear on our maps.

SAN MARTÍN, LLANOS DE
Name formerly applied to entire eastern llanos, except for Casanare, but now restricted to plains around San Martín [0342/7342 (USBGN)] (de Schauensee, 1948a:311).

SAN MIGUEL; Antioquia Not located
Salmon, ca. 1872-78 (Sclater & Salvin, 1879:489); it is unknown which of

the several San MIGUELS in Antioquia this is; curiously, San Miguel is not designated as a locality for any species in Sclater & Salvin's paper (*op. cit.*), although it is cited by them as a collecting locality.

SAN MIGUEL; Cundinamarca 0427/7418 (USBGN)
2,800 m (de Schauensee, 1948a:329); at southwestern edge of Sabana de Bogotá on road from Bogotá [0436/7405 (USBGN)] to Magdalena Valley, 3 km SW of El Peñón [0426/7418 (USBGN)] and 9 km NE of Fusagasugá [0421/7422 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:322, as "San Miguel (Sibaté)"); Borrero, Nov., 2 Dec.1941, 3-4, 9-10, 16-17, 22, 24 June, 2-3, 17 July 1959 (MCZ; Borrero, 1945b:411; ANSP); Lehmann and Borrero, date ? (Dugand, 1941b:361); collector ?, Jan. 1935, Sept. 1944 (Iafrancesco, et al., 1986:64, p. 58, as "Sibaté-San Miguel"; 1988:109, as "San Miguel Sibaté"); Dugand, 11 Sept. 1948 (Dugand, 1951b:161); Lumsden, 19 Mar. 1950 (UMMZ); Borrero, 19 Sept. 1941, 11 Apr. 1953, 8 July 1954 (LACMNH); Borrero and Bernal, 4, 6, 10, 16, 19, 22, 24-25 June, 2 July, 20 Sept., 4 Nov. 1959, Bernal, 20 Sept. 1960 (FMNH; LACMNH).

SAN MIGUEL; La Guajira 1058/7329 (USBGN)
1,700 m (MHA); erroneously given as 7,500 ft [2,300 m] by Bangs (1898: 171); town on Río Macotama [Quebrada Macotama, 1055/7330 (USBGN)] on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); Brown, 1, 12, 15 June, 18 July 1898, 6, 23, 26-27, 29, 31 Jan., 3-8, 28 Feb., 2, 4-5 Apr., 4, 15, 28, 30 May, 1, 4-6, 87-17, 19 June 1899 (Bangs, 1899a:94; 1902:84; MCZ; LACMNH, as "San Miguel, Magdalena"; ANSP), May-June 1908 (Bangs, 1898c:71); Carriker, Mar.-Apr. 1912 (Todd & Carriker, 1922:125); Carriker, 17-31 Mar., 1, 3, 5-6, 8, 13-15, 23 Apr 1914 (WFVZ; UMMZ; CM); see, also, Caracas, Cuchilla and Macotama, Lago de.

SAN MIGUEL; Magdalena (LACMNH); see San Miguel, La Guajira.

SAN MIGUEL; Meta 0430/7152 (USBGN)
ca. 200 m, on right bank of Río Meta [0612/6728 (USBGN)] across from mouth of Río Cusiana [0433/7151 (USBGN)], eastern northern Meta, Borrero, nearby, 13-14 Jan. 1961 (Borrero & Hernández, 1961:431, 442; MHA).

SAN MIGUEL; Putumayo 0014/7633 (USBGN)
380 m (FMNH); on left bank of Río San Miguel [0008/7551 (USBGN)], on Ecuador border, ca. 80 km E of Andes (MHA, as "San Miguel (Nuevo)");

Pazos, 7, 12 Sept., 13 Oct.-1 Nov. 1966, 15 May 1968 (Barlow & Dick, 1969:759; MCZ; MVZ).

SAN MIGUEL, RÍO; Nariño/Putumayo 0008/7551 (USBGN)
Rises on Cerro Pax [0023/7726 (USBGN)] in southeastern Nariño and flows E to join Río Putumayo [0307S/6758 (USBGN)], upper and central portions form Colombia/Ecuador boundary (MHA, also as "Río Sucumbíos"); Mena brothers, on upper river in tropical zone at base of Andes at ca. 0023/7715 and in subtropical zone at higher altitudes to W, including among other places (apparently unnamed), Santa Rosa [de Sucumbío] [ca. 0022/7708 (MHA)], 20-24, 27-29 Nov., 1-10 Dec. 1950, 8, 10, 12, 26-30 June, 1-15 July 1951 (de Schauensee, 1952b:1-3ff; UMMZ; ANSP).

SAN MIGUEL NUEVO (MHA); see San Miguel, Putumayo.

SAN MIGUEL SIBATÉ (Iafrancesco, et al., 1988:109); see San Miguel, Cundinamarca.

SAN NICOLÁS; Cauca ca. 0305/7620
2,900 m, in southern Central Andes, in Parque Nacional Natural Puracé [0211/7622 (WCMC)], Oniki and Willis, 5-6 Feb. 1989 (Oniki & Willis, 1991:519); in municipio Caloto [0305/7620 (USBGN)] (Dicc. Geog.).

SAN NICOLÁS; Santander ca. 0709/7314
3,000 ft [900 m], hut on trail from Bucaramanga [0708/7309 (USBGN)] into Magdalena Valley, an hour's ride W of Canta [ca. 0708/7312] and E of El Naranjo [0712/7318 (USBGN)], beginning of dense forest [1870], Wyatt, Feb., Mar. 1870 (Wyatt, 1871:126, 129, 324, 329, 334).

SAN PABLO; Nariño 0106/7801 (de Schauensee, 1948a:329)
4,500 ft [1,400 m] (Hellmayr, 1911:1149); on western slope of Western Andes SW of Ricaurte [0113/7759 (USBGN)] on opposite side [= S] of Río Guabo [0112/7759 (USBGN)] valley (de Schauensee, 1948a:329); Hopke, 6 Mar. 1879 (Hellmayr, 1911:1149-1150).

SAN PABLO, CERRO DE; Santander ca. 0700/7325
780 m, next to Río Chucurí [0704/7322 (USBGN)], near Hacienda Montebello [ca. 0700/7325] (which see), forested, Borrero & Hernández, ca. 11-15 Nov. 1956 (Borrero & Hernández, 1957b:200); appears to be a hill on Hacienda Montebello, which is on the left bank of the Río Chucurí, on eastern slope of Cordillera de la Paz [0705/7325 (USBGN)] on western slope of Eastern Andes, ca. 28 km SW of Bucaramanga [0708/7309

(USBGN)]; Borrero, Olivares, & Hernández, 1962:594, as "San Vicente [de Chucurí, 0654/7325 (USBGN)], Cerro de San Pablo."

SAN PEDRO; Antioquia (1) 0628/7533 (USBGN)
2,560 m, on eastern slope of Central Andes, 9 km SSW of Entreríos [0633/7531 (USBGN)] and 23 km N of Medellín [0615/7535 (USBGN)] on Río Chico [0629/7527 (USBGN)] (MHA); collector ?, date ? (Dugand, 1942:74); Isaza, 22 Dec. 1970, Serna, 28 June, 15 Aug. 1967, 5 Jan. 1968, 15 Aug 1970, 10 June 1972, Serna and Isaza, 28 Dec. 1970, Serna and Zuluaga, 20 Jan. 1973, Serna and Isaza, at El Herrero [ca. 0627/7535 (Dicc. Geog.)], 23 Dec. 1970, 24 Dec. 1979, Serna, at Llano de Ovejas [not located], 10, 13 June 1971, 30 Apr. 1972, Serna, at Charco Verde [not located], 27 Dec. 1970, Serna and Restrepo, at Charco Verde, 3 Oct. 1974, Serna and Pérez, at La Lana [not located], 15 Aug. 1967 (Serna, 1980:16, 19, 25, 31, 34, 45, 72, 76, 84, 89, 98, 103).

SAN PEDRO; Antioquia (2) 0827/7618 (Willis, 1966:188)
150 m, in northernmost Antioquia, on Río San Juan [0847/7631 (USBGN)], Willis, 11-16 Mar. 1965 (Willis, 1966, Living Bird, 5:188; Willis, 1988:139); not on our maps.

SAN PEDRO; Magdalena 1114/7411 (USBGN)
ca. sea level, 5 km ESE of Santa Marta [1115/7413 (USBGN)] and 27 km NNE of San Juan de Ciénaga [1101/7415 (USBGN)] (MHA); on western slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], Russell, Lupke, and Hilty, 4 Feb. 1972 (Hilty & Brown, 1986:633).

SAN PEDRO, PÁRAMO; Boyacá (ANSP); see San Pedro, Páramo de.

SAN PEDRO, PÁRAMO; Norte de Santander (Todd, 1926:34); see San Pedro, Páramo de.

SAN PEDRO, PÁRAMO DE; Norte de Santander ca. 0747/7303
3,000+ m, part of Páramo de Cáchira [0750/7300 (USBGN)], NE of Cáchira [0744/7303 (USBGN)], between Las Ventanas [ca. 0748/7306 (de Schauensee, 1948a:340)] and Páramo de Guerrero [0747/7258 (USBGN)] (de Schauensee, 1952a:1136); Carriker, 15-16 Oct. 1916 (CM; Carriker, 1955:62; ANSP, also as "Páramo San Pedro, Boyacá"); Todd, 1926, Ann. Carnegie Mus., 17:34, as "Páramo San Pedro."

SAN RAFAEL; Antioquia 0618/7501 (USBGN)
1,051 m, in southeastern part of state, 60 km ENE of Medellín [0615/7535 (USBGN)] and 28 km SSE of Cisneros [0635/7505 (USBGN)] (MHA); on

Río Bizcocho [0618/7504 (USBGN)], Serna, 30 Apr. 1967, 2, 29-30 Aug. 1968, 7 Apr., 7 May 1972, Serna and Cock, 30 Apr. 1967, Serna and Correa, 30 Apr. 1967, Pérez and Betancur, 30 Apr. 1967, Jiménez, 29 July 1968, 8 July 1969, 8-9 July 1970, Serna and Pérez, 30 June 1967, 30 Aug. 1968, collector ?, 30 Aug. 1968, 8 July 1970 (Serna, 1980:10, 22, 29, 38, 40, 42, 44, 50, 53, 55, 57-58, 72, 98).

SAN RAFAEL; Cundinamarca ca. 0445/7430
ca. 2,500 m, 5 km NW of Facatativá [0449/7422 (USBGN) and 45 km WSW of Zipaquirá [0502/7400 (USBGN)] (Atlas, 1992); finca on Sabana de Bogotá, Umaña, 19 Mar. 1916 (Apolinar, 1916:61).

SAN RAFAEL; Valle del Cauca Not located
Wallace, 28 June 1956 (UMMZ).

SAN RAFAEL, LAGUNA; Cauca 0225/7625 (USBGN)
3,480 m, on summit of Central Andes, ca. 6 km NW of Volcán Puracé [0221/7623 (USBGN)] (de Schauensee, 1948a:329); in páramo (Lehmann, 1946:222); Lehmann, date ? and Feb. 1947 (Lehmann, 1944b:409; 1957:128); von Sneidern, at 3,400 m, Feb. (von Sneidern, 1954:8), 11 Oct. 1953 (YPM); Carriker, on páramo, 10 Sept. 1953 (YPM, as "Páramo de San Rafael"), 21 Feb. 1957, 15 Feb., 3 Mar., 3 Nov. 1958 (LACMNH, as "Páramo San Rafael"); Ridgely and Gaulin, on nearby páramo, 18 May 1976 (Hilty & Brown, 1986:203); Negret and Acevedo, 28, 30 May 1989, 25 Feb. 1990 (Negret & Acevedo, 1990, as "Laguna de San Rafael"); Negret, Mar. 1994 (Negret, 1997a:46, as "Laguna de San Rafael"); Borrero, 1958:138, as "Laguna de San Rafael."

SAN RAFAEL, LAGUNA DE (Borrero, 1958:138); see San Rafael, Laguna.

SAN RAFAEL, PÁRAMO DE (YPM); see San Rafael, Laguna.

SAN RAMÓN, LAGUNA Not located
On Sabana de Bogotá, Fjeldså, 2-3 Oct. 1981 (Fjeldså, 1986; 1993:226); not found on our maps.

SAN ROQUE; see Yarumal.

SAN ROQUE, CASCADA DE; Cauca Not located
On Río Quilcacé [0211/7799 (USBGN)], a headwater of Río Patía [0213/7840 (USBGN)], which rises on the western slope of Volcán Sotará [0212/7631 (USBGN)], S of Popayán [0227/7636 (USBGN)], Negret and

Acevedo, 8 Feb. 1990 (Negret & Acevedo, 1990, as "Cascada de San Roque, Río Quilcacé, Sotará").

SAN SALVADOR, RÍO; La Guajira 1115/7332 (USBGN)
Rises near snow peaks on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] and empties in Caribbean E of Cabo San Agustín [1116/7334 (USBGN)] (MHA); listed by Todd & Carriker (1922:125) with assumption that, because no town of that name could be found in the vicinity, the Simons locality of "San Salvador" (Sharpe, 1858, Cat. Birds. Brit. Mus., 10:421) must refer to the river.

SAN SEBASTIAN (Bangs, 1899d:75); see San Sebastián de Rábago.

SAN SEBASTIÁN DE RÁBAGO; Cesar 1034/7336 (USBGN)
2,040 m, on southern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], near headwaters of Río Fundación (or Río San Sebastián) [1042/7426 (USBGN)], lying between Cerro el Mamón [1037/7333 (USBGN)] and Alto de Chinchicuá [1032/7343 (USBGN)] (MHA); Brown, 2 July 1877 [?] (ANSP); Simons, 16 Feb., 5 Apr., 27 June 1878, 14, 15, 25, 27, 29 July 1879 (Salvin & Godman, 1879:198, 201; 1880:118, 119, 122, 171; both as "San Sebastian"); Brown, at 6,600-9,000 ft [2,000-2,750 m], 20-21, 27-30 June, 1-2, 4-6, 8-9, 11-21, 24-27, 30 July, 10, 13 Aug. 1899 (Bangs, 1899a:75, as "San Sebastian"; MCZ, as "San Sebastián"); Simons, nearby, 22 June 1878 (Salvin & Godman, 1880:119); Carriker, 29-31 Jan., 1 Feb., 2, 5 Mar. 1946 (USNM, as "San Sebastian").

SAN SOFIA ISLANDS (Barrow, et al., 1986:156); see Santa Sofía, Isla de.

SANTA ANA; Cundinamarca 0456/7426 (USBGN)
Alt. ?; close to Sasaima [0458/7424 (USBGN)] on western slope of Eastern Andes; not on our maps; collector ?, date ? (Nidéforo, 1947:372).

SANTA BÁRBARA; Antioquia ca. 0625/7615
ca. 2,700 m, on western slope of Western Andes, above Urrao [0620/7611 (USBGN)], on Río Urrao [0620/7610 (USBGN)], at eastern base of Páramo Frontino [0628/7604 (USBGN)], Hershkovitz, Apr. 1951 (Blake, 1955:21; FMNH); Serna, 23 June 1967 (Serna, 1980:93); does not appear on our maps.

SANTA BÁRBARA; Cauca 0223/7633 (USBGN)
1,900 m (Lehmann & Haffer, 1960:250); on western slope of northern central Andes, 7 km SE of Popayán [0227/7636 (USBGN)] (Atlas, 1977); Lehmann, 15 July 1945 (Lehmann & Haffer, 1960:250); Posada, 8 Apr.

1969, collector ? [Marinkelle ?], 5 Apr., 3 Aug. 1967, 13 July, Dec. 1968 (WFVZ); Marinkelle, 10 Oct. 1968 (UMMZ); also see Finca Santa Rosa.

SANTA BÁRBARA, FINCA; see Finca Santa Bárbara.

SANTA CATALINA; Bolívar 1036/7517 (USBGN)
ca. 100 m, on Caribbean coastal plain 10 km from sea and 35 km NE of Cartagena [1025/7532 (USBGN)] (MHA); Dugand, 1 Feb. 1940 (Dugand, 1940d:36); collector ?, date ? (Borrero, 1970:702).

SANTA CATALINA, ISLA DE; San Andrés y Providencia 1323/8122 (USBGN)
Caribbean islet, ca. 1 km in diameter, ca. 100 m N of Isla de Providencia [1321/8122 (USBGN)], and ca. 230 km E of Nicaragua (Atlas, 1977); Bond, ca. 28 Apr.-4 May 1949 (Bond, 1950:51-52).

SANTA CECILIA; Caldas (UMMZ); see Santa Cecilia, Risaralda.

SANTA CECILIA; Risaralda 0518/7613 (USBGN)
ca. 100 m, near headwaters of Río San Juan [0403/7727 (USBGN)] at western base of central Western Andes (Atlas, 1977); von Sneider, Nov.-Dec. (ANSP), at 2,400 ft [725 m], 15 Nov. (de Schauensee, 1947b:118), and at 700 m, 3 Dec. 1945 (von Sneider, 1954:12); von Sneider, 12-19, 21-30 Nov., 1-15 Dec. 1945 (UMMZ, as "La Cecilia, Caldas" and "Saint Cecilia, Caldas," and "Santa Cecilia, Caldas"; Iafrancesco, et al., 1987:97, 102, as "Cecilia, Caldas"; ANSP, as "Santa Cecilia, Caldas").

SANTA CRUZ; Atlántico 1035/7513 (USBGN)
ca. 50 m, in western Atlántico, close to Bolívar border, 6 km SW of Laguna de Luruaco [1037/7510 (USBGN)] and 5 km S of Ciénaga de Tocaguá [1038/7511 (USBGN)] (MHA); Giacometta and Dugand, 11 Nov. 1937, 14 May, 19-20 July 1938 (Dugand, 1947c:529, 530, 541); Giacometta, date ? (Dugand, 1940d:36).

SANTA CRUZ; La Guajira (1) 1100/7326 (USBGN)
1,240 m, on northern slope of Sierra Nevada de Santa Marta on Río [Quebrada] Macotama [1055/7330 (USBGN)], 6 km NE of San Miguel [1058/7329 (USBGN)] and 4 km W of Pueblo Viejo [El Pueblito, 1059/7327 (USBGN)] (MHA); Brown, spring 1899 (Todd & Carriker, 1922: 126), with known dates of 7-9 Feb. (LACMNH, as "Santa Cruz, Magdalena"; MCZ); Allen, 1900a:124, gives an altitude of 8,000 ft [2,450 m], which is certainly wrong, and Carriker (Todd & Carriker, 1922:126) gives 3,000 ft [900 m], which is probably more nearly correct.

SANTA CRUZ; La Guajira (2) 1212/7112 (USBGN)
Sea level, on northeastern side of Península de la Guajira, 18 km SE of Cabo Falso [1222/7119 (USBGN)] (MHA); Wetmore and Carriker, 6 May 1941 (Lehmann, 1945:100).

SANTA CRUZ; Magdalena; see Santa Cruz, La Guajira (1).

SANTA CRUZ; Santander 0725/7305 (USBGN)
ca. 1,250 m, on western slope of eastern Andes, 34 km NNE of Bucaramanga [0708/7309 (USBGN)] (MHA; Atlas, 1977); Carriker, 27 Nov. 1963 (WFBVZ).

SANTA CRUZ DE WARACAPURÍ; Vaupés ca. 0103/6955
240 m (Olivares, 1964c:269); mission 8 km from Brazilian border and 16 km SE of Mitú [0108/7003 (USBGN)], on left bank of Raudal [rapids] Uraracapuri [MHA; not in USBGN] on Río Vaupés [0002/6716 (USBGN)], Olivares and Bernal, ca. 10-15 Dec. 1953, including some time spent at Mitú, which see (Olivares, 1955a:260; Borrero, 1960a:505; MHA); Olivares, 16 Aug. 1960 (Olivares, 1964c:269).

SANTA ELENA; Antioquia 0613/7110 (USBGN)
9,000 ft [2,750 m], 8 km E of Medellín [0615/7535 (USBGN)] on eastern slope of Central Andes, deforested, grassy and brushy (Chapman, 1917:61, 655; MHA); Salmon, ca. 1872-78 (Sclater & Salvin, 1879:486, 489); Sclater and Salvin (*op. cit.*) were not able to locate this and surmised it was on the *western* slope above Río Cauca; Miller and Boyle, 12 Feb. (UMMZ), 15-23 Nov., 1-4 Dec. 1914 (Chapman, 1917:58-59); collector ?, date ? (Niséforo, 1940:317); Niséforo, 8 Jan. 1917 (Iafrancesco, et al., 1987:110), 5 July, 5 Dec. 1918, Serna, 3 Apr. 1966, 5 Apr. 1967, 31 Aug. 1970, 14 Apr. 1972 (Serna, 1980:30, 53, 73, 85, 92-93).

SANTA ELENA; Tolima 0411/7533 (USBGN)
ca. 2,200 m, on eastern side of Central Andes at headwaters of Río Chili [0407/7516 (USBGN)], 45 km SW of Ibagué [0427/7514 (USBGN)] (MHA); collector ?, date ? (Niséforo, 1947:371; CU).

SANTA FE DE ANTIOQUIA (Borrero, 1970b:702); see Antioquia.

SANTA FE DE BOGOTÁ (Sclater, 1855b:131); see Bogotá.

SANTA FÉ DI BOGOTA (Sclater, 1855b:131); see Bogotá.

- SANTA IGNACIA; Tolima Not located
 3,000+ m, on eastern slope of Central Andes on northeastern side of
 Páramo del Ruiz [Páramo de Santa Isabel, ca. 0447/7526, *fide* Todd, 1942,
 Ann. Carnegie Mus., 29:365] (de Schauensee, 1952a:1136); Carriker, 18,
 23 Sept. 1918 (CM; Todd, 1942:365); see Santa Isabel, Páramo de.
- SANTA INÉS, PÁRAMO DE; Antioquia 0648/7543 (USBGN)
 Alt.?: in central Antioquia, W of Labores [0645/7535 (USBGN)]; not
 indicated on our maps; collector ?, 7-8 Apr. 1988 (Serna, 1992a:14).
- SANTA ISABEL; Bolívar 0857/7409 (USBGN)
 ca. 50 m, in eastern central Bolívar, on Brazo de Loba [0920/7442
 (USBGN)], 20 km WSW of El Banco [0900/7358 (USBGN)] (MHA);
 Fuertes, 24, 29 Jan. 1913 (CU).
- SANTA ISABEL; Risaralda ? ca. 0447/7528
 12,000 ft [3,650 m], camp at junction of temperate zone and páramo on
 [probably] western side of Nevado de Santa Isabel [0447/7524 (USBGN)], a
 peak in Central Andes, ca. 45 km NNW of Ibagué [0427/7514 (USBGN)],
 Miller and Allen, 21-23 Sept. 1911 (Chapman, 1917:36-38, 655; MHA);
 the distinction between this locality and Páramo de Santa Isabel [ca.
 0447/7526] not always maintained (see, e.g., Chapman, 1912:144 and
 1914:186, who records specimens taken at "Santa Isabel" at 12,000 ft and
 12,700 ft, on 15 and 18 Sept., dates when collectors were at Páramo de
 Santa Isabel).
- SANTA ISABEL, HACIENDA; see Curumani.
- SANTA ISABEL, NEVADO DE; Tolima 0447/7524 (USBGN)
 5,100 m, snow-capped peak in Central Andes, ca. 45 km NNW of Ibagué
 [0427/7514 (USBGN)] (MHA); collector ?, nearby, date ? (Borrero,
 1958:138); see, also, Páramo de Santa Isabel [ca. 0447/7526], Santa Isabel
 [ca. 0447/7528], and Santa Ignacia [not located].
- SANTA ISABEL, PÁRAMO DE; Risaralda ? ca. 0447/7526
 12,500 ft [3,800 m], camp in valley within páramo on [probably] western
 side [= western drainage] of Nevado de Santa Isabel [0447/7524 (USBGN)],
 a peak in Central Andes, ca. 45 km NNW of Ibagué [0427/7514 (USBGN)],
 Miller and Allen, up to 15,000 ft [4,650 m], 13-21 Sept. 1911 (Chapman,
 1917:36-38, 651; MHA); the distinction between this locality and Santa
 Isabel [ca. 0447/7528] has not always been maintained (see, e.g., Chapman,
 1912:144 and 1914:186, who records specimens taken at "Santa Isabel" at
 12,000 ft [3,650 m] and 12,700 ft [3,875 m], on 15 and 18 Sept., dates

when collectors were at Páramo de Santa Isabel); Carriker, 21, 23 Sept. 1918, at Páramo de[l] Ruiz (Dugand, 1948a:179; CM), which Todd, 1942, Ann. Carnegie Mus., 29:365, says is equivalent to Páramo de Santa Isabel; undoubtedly locations of Santa Ignacia, Páramo del Ruiz, and Páramo de Santa Isabel have been obscured by fact that both Nevado del Ruiz [0454/7518 (USBGN)] and Nevado de Santa Isabel, which are aligned N to S, are encircled by their respective páramos, and that these meet on northern side of Nevado de Santa Isabel and on southern side of Nevado del Ruiz; thus northeastern side of Páramo del Ruiz, mentioned by de Schauensee and Todd in reference to Santa Ignacia, is from the orientation of the collecting site, probably somewhere between the two massifs and *not* on the northeastern side of Nevado del Ruiz itself.

SANTA LETICIA; Cauca (WFVZ); see Santa Leticia, Huila.

SANTA LETICIA; Huila 0220/7613 (USBGN)
ca. 2,500 m, in extreme southwestern Huila on eastern slope of Central Andes on road ca. 20 km SE of Volcán Puracé [0221/7623 (USBGN)] (Atlas, 1977); Lehmann, 17 Aug. 1958 (MVZ); in Moscopán [ca. 0229/7605] region, Acevedo, 13 Feb., 10 July, 10 Aug. 1965 (WFVZ, as "Santa Leticia, Cauca"; YPM, as "Santa Leticia, Cauca"); Acevedo is also cited as having been on Sierranía de la Macarena [0245/7355 (USBGN)] on 13 Feb. 1965.

SANTA LIBRADA; Norte de Santander ca 0706/7214 (IGAC [N. de Santander])
ca. 750 m, on eastern slope of northern Eastern Andes in extreme eastern Norte de Santander, S of middle Río Margua [0703/7205 (USBGN)], in Sarare region [ca. 0705/7210, which see]; subtropical, Rochereau, date ? (Nicéforo, 1955b:177-178); collector ?, S of Santa Librada on left bank of Quebrada la China [not located], at 800 m, date ? (Nicéforo, 1955b:180); Nicéforo, 20 Feb., 4 Mar. 1955 (Iafrancesco, et al., 1986:56, 79).

SANTA LUCÍA; Atlántico 1020/7458 (USBGN)
ca. 10 m, on left bank of Río Magdalena [1106/7451 (USBGN)], in southern Atlántico (MHA); Nicéforo, 6 Oct. 1967 (Iafrancesco, et al., 1987:74).

SANTA MARTA; Magdalena 1115/7413 (USBGN)
Sea level, on Caribbean coast NW of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], capital of Magdalena (MHA); formerly the name of a department now included in Magdalena; in ornithological literature, "Santa Marta" frequently used for Sierra Nevada de Santa Marta and also

in a regional sense for the area from about Río Hacha [1133/7255 (USBGN)] W to Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] and Río Magdalena [1106/7451 (USBGN)], including Sierra Nevada de Santa Marta and surrounding lowlands (see, e.g., Dugand, 1947c:526); differentiating which place meant by "Santa Marta" is often impossible; semiarid, thorny scrub and cacti (Todd & Carriker, 1922:126-127); Wyatt, 22 Dec. 1869 (Wyatt, 1871:115); Sinsoute, Mar. 1879 (FMNH); Simons, Dec. 1878-? Apr. 1879 (Todd & Carriker, 1922:27); Brown, within 15 mi [25 km] of Santa Marta, 500-6,000 ft [150-1,800 m], Dec. 1897-Feb. 1898, with known specific dates of 4, 20, 24-31 Dec. 1897, 2-5, 8-16, 22, 25, 28-31 Jan., 1-6, 8-16, 18-19 Feb. 1898 (Bangs, 1898a:131; MCZ), but nearly all of his material is from nearby Bonda [1114/7405 (USBGN)] although labeled "Santa Marta" (*fide* Todd & Carriker, 1922:126); Smith, May, 12 July, 26 Sept. 1899, Hull, 8, 13 July 1899 (CM; CU; FMNH; Allen, 1900a:134ff); Carriker, 5 July 1911 (ANSP), 29 Apr., 10, 15-17 May 1913 (CM; Todd, 1931:46; ANSP), 22, 28 Jan., 20 Sept. 1914, 15 May 1916 (ANSP), 1941 (USNM), Apr. 1957 (FMNH), 27 Sept., 10, 12, 17, 20, 24, 27 Oct. 1964 (MVZ); collector ?, 2 May 1941 (Dugand, 1947a:390); Lehmann, between Santa Marta and Gaira [1112/7413 (USBGN)], date ? (Dugand, 1941a:54); Herschel, date ? (Marinkelle, 1970:28); Marinkelle, 12 Sept. 1967, collector ?, 18 July 1968 (WFVZ); Russell, Nov. 1971 (LSU); collector ?, date ? (Borrero, 1972b:396); Hilty, et al., nearby, 16 Feb. 1973, Hilty, et al., 1 June 1980, Hilty, 10 June year ?, Russell, July year ? (Hilty & Brown, 1986:160, 217, 519, 604); Donahue, in harbor, 3 July-1 Aug 1974 (Gochfeld, et al., 1980:196, 197,199); Brown, 2 Mar. year ?, Kaestner, 10 Aug. year ?, Hilty, 30 Nov. year ? (Hilty & Brown, 1986:92, 193); Dunning, 60 mi [95 km] E, 25 Jan 1970 (ANSP); see, also, Nevada de Santa Marta, Sierra.

SANTA MARTA, SIERRA NEVADA DE; see Nevada de Santa Marta, Sierra.

SANTA MARTHA (Sclater, 1855b:134); see Nevada de Santa Marta, Sierra.

SANTANA (ANSP); see Sautatá.

SANTANA, CERRO; Cauca Not located
In Parque Nacional Natural Munchique [0244/7701 (WCMC)] on slopes of Cerro Munchique [0232/7657 (USBGN)], Negret, June, July 1990 (Negret, 1991:41).

SANTANA, ESTACIÓN; Cundinamarca Not located
1,600 m, above Sasaima [0458/7426 (USBGN)], Dugand, end July-early

Aug. 1945 (Niséforo, 1947:359); presumably near where road and railroad cross S of Sasaima on western slope of central Eastern Andes.

SANTANA, HACIENDA; see Hacienda Santana.

SANTANDER; Cauca 0301/7628 (USBGN)
1,115 m, at southern end of valley of Río Cauca [0854/7428 (USBGN)], 50 km S of Cali [0327/7631 (USBGN)] (MHA); de Schauensee, 1952a:1134, as "Quilichao"; Carriker, 13 Aug. 1916 (CU); von Sneidern, 18 Aug. 1947 (von Sneidern, 1954:7, as "Santander de Quilichao"), 15 Jan. 1950, 18 Nov. 1955 (YPM); Carriker, 1 Nov. 1953 (von Sneidern, 1955:42, as "Santander de Quilichao"; YPM); Wallace, 26-27 Jan. 1956 (Wallace, 1958: 178); collector ?, date ? (Borrero, 1970b:702); Lehmann, nearby at Cerro Coronado [not located], 21 Oct. 1957, at Santander, 1956, 18, 25 June, 19 Oct., 1, 7 Nov. 1957, 18 June, July, 8 Aug. 1958, and 24 Apr. 1961 (Eisenmann & Lehmann, 1962:4; Lehmann, 1960a:261; WFVZ; MVZ; LACMNH; LSU); A. H. Miller, 10 km W, at 1,000 m, 9 Oct. 1958 (Miller, 1960:236; MVZ); Borrero, Mar. 1970 (Borrero, 1973:81, as "Santander de Quilichao"); Arvey, 15 and 10 km N, 24 May 1960 (LACMNH); collector ?, between Santander and Pescador [0247/7633 (USBGN)], date ? (Borrero, 1972b: 402); Ramakka and Ramakka, between "Santander de Quilichao" and La Unión [0432/7608 (USBGN)], 1 May 1973 - 30 Apr. 1974 (Ramakka & Ramakka, 1979:534); Velosa, at Estación del Centro Internacional de Agricultura Tropical, May 1980-May 1981 (Velosa, 1994:85, as "Quilichao").

SANTANDER, DEPARTAMENTO DE 0700/7315 (USBGN)
North-central Colombia, extending from middle Río Magdalena [1106/7451 (USBGN)] E to near crest of northern Eastern Andes; bordered on N by Bolívar, Cesar, and Norte de Santander, on E and S by Boyacá, and on W by Antioquia; major cities include Bucaramanga [0708/7309 (USBGN)] and Barrancabermeja [0703/7352 (USBGN)].

SANTANDER, PÁRAMO DE (WFVZ); see Santurbán, Páramo de.

SANTANDER, PARQUE; Valle del Cauca ca. 0335/7700
Sea level, beach in municipio of Buenaventura [0335/7700 (USBGN)], Alvarez-López, et al., 13 Oct. 1989 (Anonymous, 1990c).

SANTANDER, PUERTO; see Puerto Santander.

SANTANDERCITO; Cundinamarca 0436/7421 (USBGN)
1,500-1,600 m, on western slope of central Eastern Andes, near San

Antonio de Tena [0437/7421 (USBGN)] in valley of Río Bogotá [0418/7448 (USBGN)], 30 km W of Bogotá [0436/7405 (USBGN)] and 10 km NW of Salto de Tequendama [0435/7418 (USBGN)] (de Schauensee, 1952a:1136; Atlas, 1977); Borrero, 23 July 1957 (Borrero, Olivares, & Hernández, 1962:597); Borrero and Olivares, Nov. 1959 (FMNH); Cortés, 3 Dec. 1959 (Iafrancesco, et al., 1986:49); Arvey, 22 Nov., 5, 27 Dec. 1959, 20 Jan., 5, 27 Dec. 1960 (LACMNH); Marinkelle, 19 July 1964, 4, 14 Mar., 4 July, 12 Nov. 1965, 10 Apr., 3 May 1966, collector ? [Marinkelle ?], May, 1964, 3 June 1965, 5 Aug. 1966 (WFVZ; UMMZ; LACMNH); Olivares and Munves, 26 July-9 Aug. 1972 (Olivares & Munves, 1973:891).

SANTANDER DE QUILICHAO (von Sneidern, 1954:7); see Santander.

SANTA RITA; Caquetá ca. 0115/7538
ca. 200 m (MHA); on right bank of Río Pescado [0113/7531 (USBGN)], 10 km from its mouth, near Aserrio [ca. 0115/7545], Nicéforo, 3 Feb., 5 Mar. 1954 (Nicéforo & Olivares, 1968:276; Iafrancesco, et al., 1986:67; 1987:69).

SANTA RITA; Cauca Not located
900 m, in Parque Nacional Natural Munchique [0244/7701 (WCMC)] on western slope of Cerro Munchique [0232/7657 (USBGN)], on Río Huisitó [0237/7711 (USBGN)], collector ?, Nov. 1990, Negret, Jan. 1991 (Negret, 1991:41).

SANTA RITA, HACIENDA; see Hacienda Santa Rita.

SANTA ROSA; Bolívar 0758/7403 (USBGN)
2,000 ft [600 m] (USNM); at eastern base of Serranía de San Lucas [0800/7420 (USBGN)], the northern extension of the Central Andes, 10 km W of Simití [0758/7357 (USBGN)] (Atlas, 1977); mainly second-growth and cultivation, some low forest, Carriker, from 1,800-3,000 ft [300-900 m], 15-19, 21-26, 28-30 Apr., 1-2, 4 May 1947 (USNM).

SANTA ROSA; Cauca 0230/7638 (USBGN)
ca. 1,800 m, 9 km NNW of Popayán [0227/7636 (USBGN)], between Río Cauca [0854/7428 (USBGN)] and Río Palacé [0234/7645 (USBGN)] (IGAC [Cauca]); Marinkelle, 8 Apr. 1969 (UMMZ); Posada, 9 Apr. 1969 (WFVZ, as "Finca Santa Rosa").

SANTA ROSA; Cesar ca. 0817/7330
ca. 1,300 m [?], hut [1870] in heavy forest on western slope of Sierra de Ocaña [0830/7330 (USBGN)], the westernmost ridge of the northern

Eastern Andes, above Ocaña [0815/7320 (USBGN)] and below Alto [= ? Alto Real, ca. 0817/7325 (MHA)], which is at crest, Wyatt, Jan. 1870 (Wyatt, 1871:112, 120; MHA); presumably somewhat lower than the 1,500 m given by de Schauensee (1948a:330), as Alto Real itself is at 1,578 m.

SANTA ROSA; La Guajira 1103/7328 (USBGN)
1,100 m, on Río San Miguel [1106/7328 (USBGN)] on northern slope of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); although this is listed by Todd & Carriker (1922:127), it may not have any ornithological significance.

SANTA ROSA; Magdalena (Borrero, 1972b:398); see Santa Rosa de Lima.

SANTA ROSA; Nariño (de Schauensee, 1952b:5); see Santa Rosa de Sucumbío.

SANTA ROSA DE CABAL; Caldas (Nicéforo & Olivares, 1967:415); see Santa Rosa de Cabal, Risaralda.

SANTA ROSA DE CABAL; Risaralda 0452/7538 (USBGN)
ca. 1,500 m, on western slope of middle Central Andes, 25 km SW of Manizales [0505/7532 (USBGN)] and 11 km NE of Pereira [0449/7543 (USBGN)] (MHA), collector ?, date ? (Nicéforo & Olivares, 1967:415, as "Santa Rosa de Cabal, Caldas"; Graves & Restrepo, 1989:371); "JRT," 11 June 1960 (UMMZ, as "Santa Rosa de Cabal, Caldas"); Orejuela and Alberico, 1980 (Negret & Acevedo, 1990).

SANTA ROSA DE LIMA; Magdalena 1024/7407 (USBGN)
ca. 50 m, east-central Magdalena, 15 km SE of Fundación [1031/7411 (USBGN)] and 25 km NW of Algarrobo [ca. 1009/7401 (IGAC [Cesar])] (IGAC [Cesar]); collector ?, between Santa Rosa de Lima and Algarrobo, date ? (Borrero, 1972b:398, as "Santa Rosa").

SANTA ROSA DE OSOS; Antioquia 0639/7528 (USBGN)
2,640 m, near northern end of Central Andes on eastern watershed, 37 km S of Yarumal [0658/7524 (USBGN)] and 47 km NNE of Medellín [0615/7535 (USBGN)] (MHA); Benjamín, July 1965 (Iafrancesco, et al., 1986:45); collector ?, date ? (USNM); Serna and Isaza, at Sulayvar [not located], 3 Aug. 1968 (Serna, 1980:50).

SANTA ROSA DE SUCUMBÍO; Ecuador ca. 0022/7708 (MHA)
ca. 400 m, on eastern slope on south [Ecuadorian] bank of upper Río San Miguel [0008/7551 (USBGN)] (MHA); Mena brothers, across river on north [Colombian] bank, either ca. Nov.-Dec. 1950, with known dates of

16-18, 20 Dec., or ca. June-July 1951 (de Schauensee, 1952b:5, as "Santa Rosa"; ANSP, as "Santa Rosa").

SANTA ROSA DE VITERBO; Boyacá 0553/7259 (USBGN)
2,584 m, above intermontane valley of Río Chicamocha [0646/7312 (USBGN)] in northern part of Eastern Andes, ca. 7 km NE of Duitama [0550/7302 (USBGN)] (MHA); collector ?, Apr. 1931 (Zimmer, 1945:62; Nicéforo, 1945:378).

SANTA SOFÍA, ISLA DE; Amazonas ca. 0400S/7013 (Atlas, 1977)
ca. 100 m, small, low island in the Amazon ca. 25 km NW of Leticia [0409S/6957 (USBGN)] (Atlas, 1977); Russell and Lamm, 26-28 Mar. 1972 (Russell & Lamm, 1978:421; LSU, as "Mike's Island"); Remsen, here and on nearby shore, Aug. 1973, July-Nov. 1974, May-Aug. 1975, with known dates of 19, 22 July, 9, 16, 30 Aug., 12-13, 16, 24, 27 Oct. 1974, 23 Apr., 28, 30-31 May, 1, 3, 5, 8, 16-17, 20-22 June, 30 July, 23-25 Aug. 1975 (Remsen, 1977b, as "Isla de Santa Sofía II"; 1990:12, as "Isla de Santa Sofía II"; MVZ, as "Isla de Santa Sofía II"); Brown, 16 Oct. 1974 (MVZ, as "Isla de Santa Sofía II"); Barrow, et al., 10-20 Dec. 1974, 1976, 1977, 1979, 9-18 Aug. 1977, 14 Jan.-5 Feb. 1980 (Barrow, et al., 1986:156, as "Monkey Island, San [sic] Sofia Islands"); Hilty, July 1976, Aug. 1978 (Hilty & Brown, 1986:589, as "Monkey Island").

SANTA SOFÍA II, ISLA DE (Remsen, 1977b); see Santa Sofía, Isla de.

SANTATA (ANSP); see Sautatá.

SANTA TERESITA; Vichada 0421/6950 (Olivares, 1969a:179)
ca. 100 m (MHA); on right bank of Río Vichada [0455/6750 (USBGN)], gallery forest, clearings for cultivation, Marinkelle, 10-11 Apr., 10 June 1967 (Olivares, 1969a:179; WFVZ; UMMZ); not on our maps but apparently on road in central Vichada.

SANTA VERÓNICA (Atlas, 1977); see Santa Verónica, Playa de.

SANTA VERÓNICA, PLAYA DE; Atlántico 1053/7506 (USBGN)
Sea level, in center of coast of Atlántico (Atlas, 1977, as "Santa Verónica"); Nicéforo, 20 Sept. 1967, Benjamín, 20 Sept., 20 Nov. 1967 (Iafrancesco, et al., 1986:59, as "Santa Verónica"; 1987:74, 109, as "Santa Verónica"); Isaza, 20 Oct. 1967, Nicéforo, 10 Jan. 1969, Nicéforo and Isaza, 20 Nov., 20 Dec. 1967, 12 Jan. 1969, Serna and Isaza, 8 Jan. 1969 (Serna, 1980:32, 47, 53, 82, as "Santa Verónica").

- SANTIAGO; Norte de Santander** 0752/7243 (USBGN)
ca. 500 m, on eastern slope of northern extension of Eastern Andes, on middle Río Peralonso [0756/7235 (USBGN)], 22 km WSW of Cúcuta [0754/7231 (USBGN)] (MHA); Nicéforo, 29 Jan. 1952 (Nicéforo, 1947:376; Serna, 1980:74).
- SANTIAGO; Putumayo** 0108/7700 (USBGN)
2,213 m, on eastern slope of Andes, 33 km ESE of Pasto [0113/7717 (USBGN)] and 11 km NE of Laguna de la Cocha [0105/7709 (USBGN)] (MHA); F. K. Lehmann, 1876 (de Schauensee, 1952a:1125); Hartert, 1892:54, as "Santiago, Ecuador."
- SANTÍBAR; Cundinamarca** ca. 0436/7420
Alt. ?; "above" [= E ?] Santandercito [0436/7421 (USBGN)] on western slope of central Eastern Andes, collector ?, date ? (Olivares, 1969b:370).
- SANTILLANA; Cauca** ca. 0225/7640
1,700 m, farm on lower eastern slope of Western Andes, 7 km W of Popayán [0227/7636 (USBGN)], on road to El Tambo [0225/7649 (USBGN)], Pazos, 20-21 Apr. 1972, 1, 15, 17 May 1973 (MCZ); not on our maps.
- SANTO DOMINGO; Antioquia** 0628/7510 (USBGN)
1,970 m (Dugand, 1948a:182); on eastern slope of northern Central Andes, 51 km NE of Medellín [0615/7535 (USBGN)], 20 km ENE of Barbosa [0626/7520 (USBGN)], and 12 km SW of Cisneros [0633/7504 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:182); Serna, 1980 (Serna, 1992a:17); collector ?, on Barbosa/Santo Domingo road, date ? (RDB); observer ?, date ? (Betancur, 1994, as "Santo Domingo de Barbosa").
- SANTO DOMINGO; Valle del Cauca** (Miller & Miller, 1968:88); see San Antonio, Valle del Cauca.
- SANTO DOMINGO, CAÑO** (Lemke & Gertier, 1979:453); see Santo Domingo, Río.
- SANTO DOMINGO, PÁRAMO DE; Cauca** 0256/7607 (USBGN)
ca. 3,500 m, 9 km W of Nevado del Huila [0300/7600 (USBGN)] and 70 km SE of Cali [0327/7631 (USBGN)] (MHA); 15 sq. km páramo in Central Andes, Kraemer and Schmitt, at 3,200-4,600 m, July-Oct. 1990 (Kraemer & Schmitt, 1991, as "Páramo de las Dominguez").

- SANTO DOMINGO, RÍO; Meta** 0234/7403 (USBGN)
 Short river rising on southwestern end of Serranía de la Macarena [0245/7355 (USBGN)] and flowing S, parallel to this range, to join Río Duda [0233/7402 (USBGN)], shortly before the Duda meets the Río Guayabera [0236/7247 (USBGN)] (Atlas, 1977); Lemke and Gertler, ca. middle of river, in this region at various times between Aug. 1975-Jan. 1977, with known date of 8 Dec. 1976 (Lemke & Gertler, 1979:453-454, as "Caño Santo Domingo").
- SANTO DOMINGO DE BARBOSA** (Betancur, 1994); see Santo Domingo, Antioquia,
- SANTO MILAGROSSO; Chocó** Not located
 ca. 60 km S of Quibdó [0542/7640 (USBGN)], Pearman, 16 Oct. 1990 (Pearman, 1993:69).
- SANTO TOMÁS; Atlántico** 1045/7445 (USBGN)
 15 m, on western bank of lower Río Magdalena [1106/7451 (USBGN)], 30 km S of Barranquilla [1059/7448 (USBGN)] (MHA); N [= S] edge of arid zone, N [= S] and W the semiarid vegetation has been converted to pasture, collectors ?, 9 Nov. 1938 and dates ? (Dugand, 1947c:545, 563, 573); collector ?, date ? (Borrero, 1972b:398).
- SANTOS, LOS; see Los Santos.**
- SANTOS, MESA DE** (Olivares & Romero, 1973:56); see Los Santos.
- SANTUARIO; Antioquia** 0608/7516 (USBGN)
 2,150 m, on western watershed but on eastern side of northern Central Andes, 35 km ESE of Medellín [0615/7535 (USBGN)] and 10 km NE of Carmen de Viboral [0605/7519 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1966:371).
- SANTURBÁN, PÁRAMO DE; Norte de Santander/Santander** 0715/7252 (USBGN)
 4,030 m, páramo at crest of northern Eastern Andes between Bucaramanga [0708/7309 (USBGN)] and Pamplona [0723/7239 (USBGN)] (MHA); Wyatt to SW of "páramo of Pamplona," W of Mutiscua [0718/7245 (USBGN)], Feb. 1870 (Wyatt, 1871:map, 127-128, 320, 330); Carriker, at 3,100 m, Oct. 1960, Jan., Feb. 1961 (FMNH); Carriker, at 3,000-3,600 m, 12 Oct., 23 Nov. 1960, 11, 17 Jan., 22 Feb., 5 Mar., 3 May, 19 Aug., 12, 16 Dec. 1961, 19 Aug. 1962, 11, 17 Jan., 20 Nov. 1963, 4-5, 7, 26 Jan. 1964 (WVZ, also as "Páramo de Santander"; YPM; LACMNH).

SAN VICENTE; Antioquia Not located
 Near La Honda [0648/7551 (USBGN)] which is 60 km NNW of Medellín [0615/7535 (USBGN)] at ca. 1,500 m, above Río Cauca [0854/7428 (USBGN)] on western slope of Central Andes (IGAC [Antioquia]); Serna, 20 Mar 1979, Serna, at Las Hojas [not located], 20 Aug., 27 Dec. 1967, 23 Feb., 15 June, 15-17 Aug., 24 Dec. 1970, 21 Dec. 1971, 8 Jan., 26 July [?], 9-10 Sept., 24, 26-27 Dec 1973, 7, 9-10 Jan., 24 Dec. 1975, 23 Dec. 1976, 15 Dec. 1977, 13, 18-19 Mar., 26 May, 19 Oct. 1979, 26 Dec. 1983 (Serna, 1980:19, 20, 31, 32, 33, 36, 44, 48, 59, 65, 78, 82, 84, 86, 88, 92-93, 96, 98).

SAN VICENTE; Santander (Nicéforo & Olivares, 1967:422); see San Vicente de Chucurí.

SAN VICENTE DE CHUCURÍ; Santander 0654/7325 (USBGN)
 692 m, on western slope of northern Eastern Andes at southern end of Cordillera de la Paz [0705/7325 (USBGN)], 40 km SSW of Bucaramanga [0708/7309 (USBGN)] and 70 km SE of Barrancabermeja [0703/7352 (USBGN)] (MHA); Borrero and Hernández, Nov. 1956, in town of San Vicente de Chucurí as well as in municipality of San Vicente de Chucurí [0655/7330 (USBGN)] at El Guadual [ca. 0655/73301, La Curva [ca. 0655/7330], Hacienda Montebello [ca. 0700/7325], Liana Fría [0656/7329 (Borrero & Hernández, 1961:442)], Hacienda el Trianón [ca. 0652/7330 ?], La Esterlina [ca. 0655/7330], Meseta de los Caballeros [ca. 0655/7330], and Albania [0655/7339 (USBGN)], all of which see (Borrero & Hernández, 1957:197ff; 1961:440, as "El Trianón"; Borrero, Olivares, & Hernández, 1962:585-586, as "El Trianón" and "Monte Bello"); collector ?, at Km 23 and Km 30 on Barrancabermeja/San Vicente de Chucurí road, dates ? (Borrero, Olivares, & Hernández, 1962:592, 593); Romero, July 1971 (Olivares & Romero, 1973:67); Nicéforo & Olivares, 1967:422, as "San Vicente."

SARARE; Norte de Santander ca. 0705/7210
 Name, not appearing on our maps, applied to river basin of Río Cubugón [0703/7205 (USBGN)], and that of Río Margua [0703/7205 (USBGN)] near their confluence, in extreme eastern Norte de Santander, Nicéforo, in area mid-Feb.-6 Mar., including above El Porvenir [ca. 0703/7210 (IGAC [N. de Santander])], at ca. 700-850 m, on 2, 4 Mar. 1955 (Nicéforo, 1955b: 177; Iafrancesco, et al., 1987:72, as "Sarare Samoré"; 1989:138, as "Samoré-Guaduas, Sarare"); collector ?, subtropical region of San Alberto [not located] in area E of Río Margua, between Quebrada Talco [Río Talco, 0712/7219 (USBGN)]; called "Quebrada Falco" by Nicéforo & Olivares (1965:381)] and head of Río San Lorenzo [0710/7215 (USBGN)], Jan. 1943

(Nicéforo, 1955b:177); Nicéforo, 20 Feb. 1955 (Iafrancesco, et al., 1988:127); see, also, Santa Librada, La Dominga, Alto de Herrera, Quebrada la China, Cerro de San Agustín, Palo Negro, Quebrada Güjica, Samoré, and Guaduas; Nicéforo & Olivares, 1966:382, cite as "Samoré (Guaduas, Sarare)," the significance of which is unknown.

SARDINATA; Norte de Santander 0805/7248 (USBGN)
290 m, in eastern foothills of northern extension of Eastern Andes, on upper Río Sardinata [0837/7239 (USBGN)], 40 km NW of Cúcuta [0754/7231 (USBGN)] (MHA); Nicéforo, date ? (Nicéforo, 1947:356).

SARDINATA, RÍO; Norte de Santander 0837/7239 (USBGN)
Rises on Páramo de Cáchira [0750/7300 (USBGN)] and flows NE off of southern end of extension of Eastern Andes into lowlands on Venezuelan border (MHA); Nicéforo, at Sardinata [0805/7248 (USBGN)], date ? (Nicéforo, 1947:356); Nicéforo, W of Petrólea [0830/7235 (USBGN)], date ? (de Schauensee, 1952a:1136); Carriker, 7 km E of river [= 2 km E of Petrólea], date ? (Wetmore, 1968:326).

SASAIMA; Cundinamarca 0458/7426 (USBGN)
1,125 m, 20 km NNW of Facatativá [0449/7422 (USBGN)] and 55 km NW of Bogotá [0436/7405 (USBGN)] on western slope of central Eastern Andes (MHA); Nicéforo, 27 July 1931, 12 Apr. 1935, 4 Aug. 1938, 28 July 1940, 9 Apr., 27 June, 28-29 July 1942, 8 Apr. 1945, 26, 28 July, 3 Aug. 1946, 4 Jan., 1 Apr. 1947 (ANSP); collector ? [Nicéforo and Esteban ?], Aug. 1934, May, Dec. 1944, 1 July, 1 May 1945, 26 June, 26 Dec. 1946, Jan., 8 Feb., 19 Mar., 14 July, 30 Aug., 21 Nov. 1947, 16 Feb. 1949, 25 Apr. 1957 [1947 ?] (Iafrancesco, et al., 1987:82, 92; 1989:145, 146, 151); Nicéforo, July 1940, July 1942, Aug. 1943 (Friedmann, 1947:476, 481, 489); Nicéforo, date ? (Nicéforo, 1945:383); Nicéforo, 8 Aug. (de Schauensee, 1947a:2), 20 Nov. 1945 (CM); Nicéforo, July 1946, May, July, 14 Sept. 1947 (Nicéforo, 1948:202, 206, 208); Nicéforo and Esteban, 12 Oct. 1946 (Serna, 1980:95); Nicéforo, 26 Dec. 1926, 7 May 1943, 25 July 1945, 29 July-Aug., 10, 25-29 Dec. 1946, Filiberto, 10, 22, 26 Dec. 1946 (Nicéforo, 1947:332ff); Esteban, 2 Nov., 10, 16, 20, 24, 26 Dec. 1946, 28 Mar., 20, 30 June, 17 July, 11 Aug. 1948, 16, 20 Feb. 1949, collector ?, 25 Oct., 23 Nov. 1947, Nicéforo, 10 Dec. 1946, 30 Jan. 1956, Nicéforo and Juanito, 12 Jan. 1957 (Iafrancesco, et al., 1985:64; 1986:48, 49, 55; 1987:78, 82, 92, 111, 143; 1989:151); Borrero ?, 29 July-4 Aug. 1955 (Borrero, Olivares, & Hernández, 1962:597); Nicéforo, 20 Jan. 1947, 29 Mar. 1948, 10 Sept. 1954, 14 Sept. 1959 (Serna, 1980:34, 69-70, p. 91, as "Sosaima"; Nicéforo, Aug. 1952, 14 Sept. 1959, 2 Aug. 1963 (Iafrancesco, et al., 1985:62; 1986:49, 92); collector ?, 3 Nov. 1979 (UNC); Marinkelle,

4 Aug. 1966 (UMMZ); Nicéforo, between Sasaima and Albán [0453/7427 (USBGN)], July 1945, July 1946, 11 Dec. 1962 (Nicéforo, 1947:350; 1948:204; Iafrancesco, et al., 1986:60); collector ?, above Sasaima, at 1,600 m, date ? (Dugand, 1948a:179).

SASARE; Norte de Santander

Not located

Nicéforo, 3 Jan. 1955 (Iafrancesco, et al., 1987:104).

SAUTATÁ; Chocó

0750/7704 (USBGN)

10 m (de Schauensee, 1948a:331); on left bank of lower Río Atrato [0817/7658 (USBGN)], near mouth on western side of Golfo de Urabá [0825/7653 (USBGN)] (MHA); within Parque Nacional Natural los Katíos [0750/7710 (WCMC)]; abandoned sugar plantation, used [1959] for cattle, forested above hacienda (Haffer, 1975:76); Carriker, 21-26, 28-31 Jan., 1-2, 4 Feb. 1918 (CM; Todd, 1919:114; Carriker, 1954:17; 1955:58, 62; UMMZ; ANSP, also as "Santana" and "Santata"); Haffer, 15 Feb. (Haffer, 1959:18), Mar. 1959 (Haffer, 1975:76); collector ?, date ? (Borrero, 1972b:399); Rodríguez, 25 Sept., 6 Dec. 1975, 6 Jan. 1978 (Rodríguez, 1978:359; 1980:7); Brit. Trans-Amer. Exped., Mar. 1972 (Burton, 1973:117; 1975:85); Rodríguez, 6 Dec. 1975, 6 Jan. 1978 (Rodríguez, 1980); Todd, 1928, Ann. Carnegie Mus., 18:356, 363, as "Soatata".

SAVANALARGA (de Schauensee, 1948a:331); see Sabanalarga.

SAVANILLA (MHA); see Sabanilla.

SEBASTOPOL; Cundinamarca

0445/7424 (USBGN)

ca. 2,000 m, 10 km ENE of Cachipay [0444/7426 (USBGN)] and 10 km SW of Facatativá [0449/7422 (USBGN)], on western slope of central Eastern Andes (Atlas, 1992); Hernández, at ca. 2,000 m, date ? (Borrero, 1955:8).

SECO, Río

Not located

Batty, June 1897 (MCZ); possibly in upper Cauca Valley, where Batty collected extensively.

SELVA, LA; see La Selva.

SERANIA REEF (Bond & de Schauensee, 1944:14); see Serranilla, Banco de.

SERANILLA KEYS (Bond & de Schauensee, 1944:10); see Serranilla, Banco de.

- SERRANA, BANCO DE; San Andrés y Providencia 1428/8017 (Chirivi, 1988:281)
 Shoal in Caribbean, ca. 320 km E of Nicaragua and 180 km NE of Isla de Providencia [1321/8122 (USBGN)] (Atlas, 1977); Abbott, 30 Apr. 1887, Vanderbilt, 20-21 Mar. 1941 (ANSP, as "Serran Bank"; Bond & de Schauensee, 1944:10, 15, as "Serrana Keys" and "Serrana Bank"); Chirivi, May 1975 (Chirivi, 1988:278).
- SERRANA BANK (Bond & de Schauensee, 1944:15); see Serrana, Banco de.
- SERRANA KEYS (Bond & de Schauensee, 1944:10); see Serrana, Banco de.
- SERRANÍA DE LOS SALTOS (Haffer, 1975:76); see Sierra de los Saltos.
- SERRANÍA, LA; see La Serranía.
- SERRANILLA, BANCO DE; San Andrés y Providencia 1645/8000 (Chirivi, 1988:282)
 Shoal in Caribbean, ca. 400 km E of Nicaragua and 350 km NNE of Isla de Providencia [1321/8122 (USBGN)] (Atlas, 1977); Abbott, 30 Apr. 1887, and Vanderbilt, at Cayo de la Boya [ca. 1550/7945], 19 Mar. 1941 (Bond & de Schauensee, 1944:10, 14, as "Seranilla Keys," "Serranilla reef," "Saranja reef," and "Beacon Key"); Chirivi, May 1975 (Chirivi, 1988:278).
- SERRANILLA REEF (Bond & de Schauensee, 1944:14); see Serranilla, Banco de.
- SERREZUELA (Olivares, 1969b:275); see Madrid.
- SESQUILÉ; Cundinamarca 0503/7348 (USBGN)
 2,640 m, in northern Sabana de Bogotá, 22 km NE of Zipaquirá [0502/7400 (USBGN)] (MHA); Nicéforo, 19 Mar. 1928 (ANSP).
- SEVILLA; Magdalena 1046/7409 (USBGN)
 30 m (de Schauensee, 1948a:331); on coastal plain close to western base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 55 km SSE of Santa Marta [1115/7416 (USBGN)] and 7 km S of Río Frío [1055/7410 (USBGN)] (MHA); Darlington, intermittently June 1928-Apr. 1929 (Darlington, 1931:349ff); Davis, et al., 26 Mar. 1976 (Hilty & Brown, 1986:578).
- SEVILLA; Valle del Cauca 0416/7557 (USBGN)
 1,800 m (Borrero, 1972b:400); on western slope of middle Central Andes, 34 km NE of Tuluá [0406/7611 (USBGN)] and 33 km SW of Armenia

[0431/7541 (USBGN)] (MHA); collector ?, date ?, and between Uribe [Murillo, 0416/7607 (USBGN)] and Sevilla, 1,000-1,800 m, date ? (Borrero, 1972b:400).

SEVILLANO; Magdalena 1056/7415 (USBGN)
5 m (de Schauensee, 1948a:331); on northeastern corner of Ciénaga Grande de Santa Marta [1050/7425 (USBGN)], 9 km S of Ciénaga [1101/7415 (USBGN)], and 10 km NW of Río Frío [1055/7410 (USBGN)] (MHA); Darlington, intermittently June 1928-Apr. 1929, with known dates of Sept., 13, 20 Oct. 1928, 20 Jan. 1929 (Darlington, 1931:349ff; UMMZ).

SIAPE; Atlántico 1102/7448 (USBGN)
ca. 100 m, on western bank of lower Río Magdalena [1106/7451 (USBGN)], a northern suburb of Barranquilla [1059/7448 (USBGN)] (Atlas, 1977); collector ?, date ? (Dugand, 1947c:545, 556).

SIATÓ; Risaralda ca. 0513/7607
5,200 ft [1,600 m], on western slope of central Western Andes, very near Pueblorrico [0512/7608 (USBGN)], on Río Siató [not located], Palmer, 9, 13, 15-18, 21-25, Sept., 25 Nov. 1909 (Hellmayr, 1911:1087ff); de Schauensee, 1948a:331, gives river as a headwater of Río Tatamá [0512/7606 (USBGN)].

SIBATÉ; Cundinamarca 0430/7416 (USBGN)
2,613 m, on western slope of central Eastern Andes, at edge of Sabana de Bogotá, 13 km SW of Soacha [0435/7415 (USBGN)] and 20 km NE of Fusagasugá [0421/7422 (USBGN)] (MHA); Embalse del Muña [ca. 0432/7418 (Atlas, 1977)] nearby, which see; Callamand, 4 Oct. 1914 (Apolinar, 1915:15); collector ?, Jan. 1915 (Nicéforo, 1923:338); Callamand, 25 July 1915 (Apolinar, 1916:31); Baptiste, Jan., 6 Feb. 1916 (Apolinar, 1916:4748); collector ?, date ? (Nicéforo, 1940:319); Nicéforo, 25 July 1916 (Dugand, 1948a:159); collector ?, 13 Apr. 1968 (WFVZ); collector ?, above Sibaté at 2,900-3,000 m, date ? (Nicéforo, 1948:206); also see San Miguel, Cundinamarca.

SIBERIA (MHA); see La Siberia, Antioquia.

SIBERIA, LA; see La Siberia.

SIBUMDOY (Borrero, 1970:702); see Sibundoy.

SIBUNDOY; Putumayo 0112/7655 (USBGN)
ca. 2,200 m, on eastern slope, 40 km E of Pasto [0113/7717 (USBGN)] and

at head of valley of Río Putumayo [0307S/6758 (USBGN)] (MHA); collector ?, date ? (Borrero, 1970:702, as "Sibumdo").

SIBUNDOY, VALLE DE; Putumayo ca. 0112/7655
ca. 2,200 m (de Schauensee, 1952a:1136); valley at headwaters of Río Putumayo [0307S/6758 (USBGN)] on eastern slope, NE of Laguna de la Cocha [0105/7709 (USBGN)] (Borrero, 1952b:3); name does not appear on our maps and apparently is an appellation for upper part of Putumayo Valley in vicinity of Sibundoy [0112/7655 (USBGN)], which is on road to lowlands, 25 km NE of northern end of Laguna de la Cocha (Atlas, 1977); F. K. Lehmann, 1876 (de Schauensee, 1952a:1125); Gonzáles, Borrero, and Lumsden, 24-25 Feb. 1950 (Borrero, 1952b:3, 5, 8); Bristol, 15 Mar. 1963 (MCZ).

SICA; Valle del Cauca ? Not located
Batty, July 1898 (as "Sica, Cauca"); possibly misspelling for "Seco," as in Río Seco [not located], another Batty locale; presumably in upper Cauca Valley, where Batty made extensive collections.

SIECHA, LAGUNA DE; Cundinamarca ca.0446/7348 (Borrero
& Hernández, 1958:255)
3,600-3,650 m, in páramo on Cordillera de Tunjaque [0439/7356 (USBGN)] in municipality of Guasca [0452/7352 (USBGN)] (Borrero & Hernández, 1958:255; Borrero, 1958:138, as "Lagunas de Siecha"); not on our maps; Guasca is 38 km NE of Bogotá [0436/7405 (USBGN)] on eastern slope of Eastern Andes (MHA); collector ?, Dec. 1913 (Nicéforo, 1923:339; Anon., 1914:back cover).

SIECHA, LAGUNAS DE (Borrero & Hernández, 1958:255); see Siecha, Laguna de.

SIERRA, LA; see La Sierra.

SIERRA DE LOS SALTOS; Chocó 0710/7730 (USBGN)
ca. 200 m, range of hills on northeastern side at northern end of Serranía de Baudó [0600/7705 (USBGN)], about 40 km SE of Panama frontier, Río Truandó [0726/7707 (USBGN)] passes through (MHA); Haffer, at eastern base, 11-15 Mar. 1964 (Haffer, 1975:76, as "Serranía de los Saltos").

SIERRA DEL LIBANO (Todd & Carriker, 1922:113); see El Líbano.

SIERRA NEVADA DE SANTA MARTA; see Nevada de Santa Marta, Sierra.

SIETUHU; La Guajira ca. 1211/7117 (Marinkelle, 1970:16(map))
ca. 100 m, ca. 2 km NW of Nazareth [1211/7117 (USBGN)] at northeastern
base of Serranía de Macuira [1210/7120 (USBGN)], at tip of Península de
la Guajira [1200/7130 (USBGN)], Marinkelle, ca. 10-14 Jan. 1968
(Marinkelle, 1970:15-34).

SIGÜÍ, RÍO; Cauca 0253/7714 (USBGN)
Presumably rises in Western Andes in Parque Nacional Natural Munchique
[0244/7701 (WCMC)], on Cerro Munchique [0232/7657 (USBGN)], and
discharges into Río San Juan de Micay [0305/7732 (USBGN)]; not shown
on our maps; Negret, on lower [?] part of river, July 1988 (Negret,
1991:42).

SILENCIO (de Schauensee, 1948a:331); see Albán, Valle del Cauca.

SILENCIO, EL; see El Silencio.

SILVANIA; Cundinamarca 0424/7424 (USBGN)
1,500-1,600 m (de Schauensee, 1948a:1137); on western slope of central
Eastern Andes, 8 km WNW of Fusagasugá [0421/7422 (USBGN)] on Río
Choto [Río Subía, 0422/7422 (USBGN)] (Atlas, 1977); collector ?, date ?
(Nicéforo & Olivares, 1965:39); Cortes, 9 Oct. 1946 (MVZ).

SIMACOTA; Santander 0626/7320 (USBGN)
1,133 m, in valley of middle Río Suárez [0646/7312 (USBGN)] on western
flank of northern Eastern Andes, 10 km SW of Socorro [0629/7316
(USBGN)] and 22 km NE of Contratación [0618/7329 (USBGN)] (MHA);
collector ?, date ? (Nicéforo & Olivares, 1975:5).

SIMICHUCUA (de Schauensee, 1948a:332); see Siminchucúa.

SIMIJACA; Cundinamarca 0531/7352 (USBGN)
2,590 m, on western slope of central Eastern Andes, 8 km W of Laguna de
Fúquene [0528/7345 (USBGN)] and 13 km SSW of Chiquinquirá
[0537/7350 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:401).

SIMINCHUCUÁ; Magdalena ca. 1040/7338
2,750 m, a camp on the southern slope of Sierra Nevada de Santa Marta
[1050/7340 (USBGN)], NW of San Sebastián de Rábago [1034/7336
(USBGN)] (de Schauensee, 1948a:332, as "Simínchucua" and
"Simíchucua"); rocky, woodland confined to stream bank and ravines,
Carriker, between 8,400-10,600 ft [2,550-3,225 m], 2-12 Feb. 1946

(USNM); name appears on no map and spelling adopted is that of Wetmore (1946b:12).

SIMITÍ; Bolívar 0758/7357 (USBGN)
85 m (de Schauensee, 1948a:332); on southern shore of Ciénaga Simití [0759/7357 (USBGN)], a large lake a few kilometers W of the middle Río Magdalena [1106/7451 (USBGN)] (MHA); Carriker, 28-31 Mar., 2, 5-8, 10-11 Apr. 1947 (USNM).

SINCELEJO; Sucre 0918/7524 (USBGN)
200 m, in northern Sucre, 10 km W of Corozal [0919/7518 (USBGN)] (MHA); collector ?, date ? (Borrero, 1972b:398).

SINÚ, Río; Córdoba 0924/7549 (USBGN)
Rises at northern end of Western Andes in northern Antioquia and flows N to Caribbean (MHA); Carriker, at delta [mouth ?], 9-10 Feb. (Todd, 1942, Ann. Carnegie Mus., 29:365; Carriker, 1955:50) and 2 Apr. 1917 (CM), at Jaraquiel [0842/7557 (USBGN)], 3-4, 7 Mar., at Lórica [0914/7549 (USBGN)], 17 Feb., and at Montería [0846/7553 (USBGN)], Mar. 1916 (Todd, 1917:4-6; FMNH); Paloolian, at Montería, 16, 18, 20-21, 27, 31 Oct., 3, 21 Nov. 1929 (LACMNH); Haffer, "on river," 26 Jan. 1959, S of Montería, Jan., Feb., NW of Montería, June-Aug., and W of Montería, June 1958 (Haffer, 1959:15, 18, 23); collector ?, date ?, at Montería and between Montería and Cereté [0853/7548 (USBGN)] (Borrero, 1972b:398); collector ? [Borrero ?], at Lórica, date ? (Borrero, 1972b:398); Borrero, at Lórica, June 1970 (Borrero, 1973:81, as "Ciénaga de Lórica"); Marinkelle, at Montería, 8 July 1967 (WFWZ); Isaza, at Montería, 24 Jan., 3, 29 Feb., 10, 19, 26 May, 10, 25 June, 25 July, 7 Aug., 22 Sept., 10 Oct., 20 Nov. 1972, 30 Jan., 7 May, 12 July, 6, 18, 30 Aug., 25, 29 Sept., 1-2, 8, 10 Oct., 1, 4, 7, 30 Dec. 1973, 4 Feb., 9, 17 Mar., 1, 7 Dec. 1974, 2 Feb. 1975, 3 May 1976, 21 May, 21 Oct., 13 Nov., 30 Dec. 1978, Serna, at Montería, 14 Oct. 1972, Serna and Isaza, at Montería, 12 Nov. 1971, 14 Oct. 1972, 10, 12 Nov., 12 Dec. 1977, Isaza, et al., at Montería, 2 Oct. 1973, 12 Nov. 1977, Isaza and Revueltas, at Montería, 30 Sept., 3, 19 Oct. 1973, Isaza and Ordosgoitia, at Montería, 30 Sept. 1973, Valverde and Wolff, at Montería, 5 Apr. 1977 (Serna, 1980:7-16, 18, 24, 28-29, 32, 34, 40-41, 44, 46-47, 50, 60-61, 64, 73, 82-84, 95, 97, 99, 103).

SIPÍ; Chocó 0439/7636 (USBGN)
ca. 100 m, in southern Chocó on middle Río Sipí [0445/7650 (USBGN)] at western base of central Western Andes, 27 km SW of Cerro Torrá [0449/7626 (USBGN)] (MHA); Palmer, 10 Sept.-14 Oct., and near Sipí at 200 ft [60 m], 17-19 Sept. 1908 (Hellmayr, 1911:l087ff).

- SIPÍ, RÍO; Chocó 0445/7650 (USBGN)
In southern Chocó, rising in Serranía de los Paraguas [0440/7620 (USBGN)], western outliers of central Western Andes, and flowing W to join middle Río San Juan [0403/7727 (USBGN)] on Pacific coastal plain (MHA); Palmer, on river, 10, 24-25 Sept., 9 Oct. (Hellmayr, 1911:1087, 1136; MVZ), on river at mouth near Noanamá [0442/7652 (USBGN)], 15 Oct. 1908 (Hellmayr, 1911:1209).
- SISBACA; Boyacá 0522/7252 (USBGN)
ca. 3,000 m ?, on eastern slope of central Eastern Andes SE of Laguna de Tota [0533/7255 (USBGN)] and near Puebloviejo [0531/7253 (USBGN)]; not on our maps; Mario, 29 Nov. 1955 (Olivares, 1958b:274), 19 June 1958 (Iafrancesco, et al., 1985:40).
- SISCUNSI, LAGUNA DE; Boyacá ca. 0530/7250
3,600-3,700 m, on Páramo de Toquilia [ca. 0537/7250] on E slope of central Eastern Andes, ca. 10 km E of Laguna de Tota [0533/7255 (USBGN)], collector ?, date ? (de Schauensee, 1952a:1137); not on our maps.
- SISGA, EMBALSE DEL (Atlas, 1977); see Sisga, Represa del.
- SISGA, REPRESA DE (Fjeldså, 1993:226); see Sisga, Represa del.
- SISGA, REPRESA DEL; Cundinamarca 0505/7343 (USBGN)
ca. 2,500 m, reservoir on Sabana de Bogotá, ca. 60 km NE of Bogotá [0436/7405 (USBGN)] (Atlas, 1977, as "Embalse del Sisga"); Borrero and Bernal, Sept. 1939 (FMNH), 9-8 Sept. 1959 (LACMNH; ANSP); collector ?, date ? (MCZ); Fjeldså, 14 Sept. 1981 (Fjeldså, 1993:226, as "Represa de Sisga").
- SITIO NUEVO; Atlántico (Serna, 1980:99); see Sitionuevo, Magdalena.
- SITIO NUEVO; Córdoba ca. 0914/7549
Alt. ?; on coastal plain near Lorica [0914/7549 (USBGN)], Isaza, 20 Aug. 1972 (Serna, 1980:9).
- SITIO NUEVO; Córdoba ? Not located
On upper Río San Jorge [0907/7444 (USBGN)], Haffer, date ? (Haffer, 1967a:356).
- SITIO NUEVO; Magdalena (MHA); see Sitionuevo.

SITIONUEVO; Magdalena 1047/7443 (USBGN)
ca. 50 m, on right bank of lower Río Magdalena [1106/7451 (USBGN)], 22 km S of Barranquilla [1054/7448 (USBGN)] (MHA, as "Sitio Nuevo"); collector ?, nearby, 8 Apr. 1939 (Dugand, 1948a:163); Nicéforo and Benjamín, 24 Sept. 1967 (Iafrancesco, et al., 1986:59 p. 42, as "Sitio Nuevo"); Serna and Isaza, 8 Jan. 1968, Isaza, 10-11 Jan. 1968 (Serna, 1980:99, 101, as "Sito Nuevo, Atlántico"; Iafrancesco, et al., 1987:74, as "Sitio Nuevo").

SITIONUEVO; Meta Not located
Benjamín, 24 Sept. 1967 (Iafrancesco, et al., 1985:52).

SOACHA; Cundinamarca 0435/7413 (USBGN)
2,817 m, on Sabana de Bogotá, 16 km WSW of Bogotá [0436/7405 (USBGN)] and 33 km NE of Sibaté [0420/7416 (USBGN)] (MHA); Tamayo, date ? (FMNH); Borrero, 10 June 1944 (Borrero, 1946:173); collector ?, fall, year ? (Nicéforo & Olivares, 1964:21).

SOATÁ; Boyacá 0620/7241 (USBGN)
2,045 m, in extreme northeastern Boyacá, above left bank of upper Río Chicamocha [0646/7312 (USBGN)], on western slope of northern Eastern Andes (MHA); Nicéforo, date ? (Nicéforo, 1945:390); Olivares, between 1,800-2,600 m, July 1947, Dec. 1948 (FMNH); Olivares and Hernández, in general area from 1,300-3,500 m, ranging from warm dry climate along river to páramo, specimens labeled as "Soatá," "Río Chicamocha," and "Alto de Onzaga," 8 Dec. 1952 - 26 Jan. 1953 (Borrero & Olivares, 1955:51-55; MVZ; ANSP); collector ?, date ? (Borrero, 1972b:399).

SOATATA (Todd, 1928, Ann. Carnegie Mus., 18:356); see Sautatá.

SOCARRÉ; Bolívar (de Schauensee, 1952a:1137); see Socorré, Córdoba.

SOCORRÉ; Córdoba 0751/7617 (Hershkovitz, 1977:926)
110 m, on upper Río Sinú [0924/7549 (USBGN)], ca. 2.5 km below mouth of Río Verde [Río Verde del Sinú, 0751/7618 (USBGN)] (de Schauensee, 1952a:1137, as "Socarré, Bolívar"); known locally as "La Dispense" (USNM); not shown on our maps; "Socorro" or "El Socorro" would seem the correct orthography; Carriker, 24-26, 28-31 Mar., 1-2, 4-9, 11-14, 16, 18-23, 25 Apr. 1949 (USNM, as "Socarré"), 26 May 1963 (YPM); Hershkovitz, Mar.-Apr. 1949 (Hershkovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 926; FMNH, both as "Socorré"); Haffer, 1967a:348, as "Socorre (read Socorro)."

SOCORRO; Córdoba (Haffer, 1967a:348); see Socorré.

SOCORRO; Santander 0629/7316 (USBGN)
1,230 m, in valley of Río Suárez [0646/7312 (USBGN)], 18 km SW of San Gil [0633/7308 (USBGN)] on western slope of northern Eastern Andes (MHA); observers ?, May 1952 (Borrero, 1955:4, as "El Socorro"); Nicéforo, date ? (Nicéforo, 1945:390).

SOFÍA, LA; see La Sofía.

SOGAMOSO; Boyacá 0543/7256 (USBGN)
2,570 m, in central Boyacá, 18 km SE of Duitama [0550/7302 (USBGN)] and about equal distance N of Laguna de Tota [0533/7255 (USBGN)] (MHA); Marinkelle, 3 Aug. 1966 (UMMZ); collector ? [Marinkelle ?], 19 Aug. 1966 (WFVZ).

SOGAMOSO, RÍO; Santander 0713/7356 (USBGN)
Formed by confluence of Río Chicamocha [0646/7312 (USBGN)] and Río Suárez [0646/7316 (USBGN)] on western slope of northern Eastern Andes ca. 11 km S of Bucaramanga [0708/7309 (USBGN)], and flows NW to Río Magdalena [1106/7451 (USBGN)] near Barrancabermeja [0703/7352 (USBGN)] (MHA); de Schauensee, 1948a:327, gives a misspelling of "Sagamoso," and lists (p. 332) without collector or date.

SOLANO, BAHÍA; Chocó 0620/7726 (USBGN)
Bay on Pacific coast of north-central Chocó bounded on N by Punta Nabugá [0623/7725 (USBGN)] and on S by Punta Solano [0618/7729 (USBGN)] (MHA, as "Bahía de Solano"); Murphy and Correia, 1941 (Olivares, 1958a:229; de Schauensee, 1948a:332); collector ?, date ? (Borrero, 1972b:399); Marinkelle, 3, 8, 10 June 1968 (WFVZ; UMMZ); see, also, Mutis.

SOLANO, BAHÍA DE (MHA); see Salano, Bahía.

SOLDADO, PUNTA; Valle del Cauca 0348/7711 (USBGN)
Sea level, point on the southwestern end of Bahía de Buenaventura [0348/7717 (USBGN)], ca. 20 km WSW of Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); Gamboa, 23 Jan. 1983 (Naranjo, 1983a:2); collector ?, date ? (Cantillo, 1983:72); Carvajal and Sánchez, date ? (Carvajal & Sánchez, 1984, Actual. Biol., 13:20-22); Naranjo, Feb. 1984 (Ortiz von Halle, 1990:210); Naranjo, et al., winters 1982-1985 (Naranjo, et al., 1994:195).

- SOLEDAD; Atlántico 1055/7446 (USBGN)
ca. sea level, on coastal plain 10 km S of Barranquilla [1059/7448 (USBGN)] (MHA); Wolff and Valverde, 28 Apr. 1977 (Serna, 1980:41).
- SOLOSUCHIAPA; Nariño Not located
Carriker, 8 km S, Aug. 1959 (LSU).
- SONSO; Valle del Cauca 0348/7619 (USBGN)
ca. 350 m, 12 km S of Buga [0354/7617 (USBGN)] in valley of upper Río Cauca [0854/7428 (USBGN)] (Mapa, Valle, 1973); A. H. Miller, 2 km E at 3,000 ft [900 m], 24 Apr. 1958 (MVZ); collector ?, date ? (Cantillo, 1983:72).
- SONSO, LAGO DE (Hilty, 1977:48); see Chircal, Laguna.
- SONSO, LAGUNA DE (Lehmann, 1957:147); see Chircal, Laguna.
- SONSO, RESERVA NATURAL; see Chircal, Laguna.
- SONSÓN; Antioquia 0542/7518 (USBGN)
2,545 m, on western slope of north-central Central Andes, near southern edge of Antioquia, 65 km SE of Medellín [0615/7535 (USBGN)] and 80 km NNE of Manizales [0505/7532 (USBGN)] (MHA); Nicéforo ?, Oct. 1922 (MCZ); collector ?, date ? (Nicéforo, 1923:321; 1940:317); collector ?, 8 Aug. year ? (Olivares, 1967:40); collector ?, at Alto del Cristo [not located], 21 Oct. 1969, Serna, at Aures [not located; probably refers to nearby Río Aures, 0540/7525 (USBGN)], 3 June 1973 (Serna, 1980:27, 36); Hershkovitz, 15 km E on eastern slope, at 2,000 m, Oct 1950 (FMNH); Olivares (1967:40ff) uses "Sonsón (río la Miel)" but its meaning is unclear as Río la Miel [0546/7439 (USBGN)] is some distance to NE.
- SONSÓN, PÁRAMO DE; Antioquia 0543/7515 (USBGN)
ca. 3,000 m, in north-central Central Andes, 65 km SE of Medellín [0615/7535 (USBGN)] and just E of Sonsón [0542/7518 (USBGN)] (MHA); Carriker, 22-23, 25-27, 29-30 June, 3-4, 6, 8 July 1951 (USNM); see, also, La Bodega, Antioquia.
- SOPETRÁN; Antioquia 0630/7446 (USBGN)
ca. 750, in valley of Río Cauca [0854/7428 (USBGN)], central Antioquia, 35 km NW of Medellín [0615/7535 (USBGN)] (MHA); Isaza. 7 June 1969, Serna and Trujillo, 10 Oct. 1974 (Serna, 1980:26, 62).

SOPÓ; Cundinamarca 0455/7357 (USBGN)
2,580 m, on northern Sabana de Bogotá, 15 km SE of Zipaquirá [0502/7400 (USBGN)] and 38 km NE of Bogotá [0436/7405 (USBGN)] (MHA); Borrero, 1940, and date ?, Munévar, 23 Mar. 1952 (Borrero, 1952a:10); collector ?, 3 Oct. year ? (Dugand, 1951b:161); collector ?, Jan., Mar. 1943, 1949 (Iafrancesco, et al., 1986:47); de Schauensee, 1952a:1137, as "Valle de Sopó."

SOPO, VALLE DE (de Schauensee, 1952a:1137); see Sopó.

SORATAMA; Amazonas ca. 0007/7105
ca. 100 m (Atlas, 1977); camp on right bank of Río Apaporis [0123S/6925 (USBGN)], ca. 20 km below mouth of Río Pacoa [ca. 0007/7113 (Dugand, 1952:2)], Medem, early 1952 (Dugand, 1952:1-2); Borrero, 1955:7, as "Soratama, Vaupés."

SORATAMA; Vaupés (Borrero, 1955:7); see Soratama, Amazonas.

SORZONO, LA; see La Sorzono.

SOSAIMA (Serna, 1980:91); see Sasaima.

SOTE, PÁRAMO DE; Boyacá ca. 0539/7319
ca. 2,900 m (MHA); although the name is on no map, it is reasonable to assume it refers to the páramo S and N of Sote [0539/7319 (USBGN)], a village 15 km N of Tunja [0531/7322 (USBGN)] in interior of northern Eastern Andes (MHA); collector ?, date ? (Niccéforo & Olivares, 1967:413).

SOÚRUAIN; La Guajira ca. 1211/7117 (Marinkelle, 1970:16(map))
ca. 100 m, ca. 3 km SE of Nazareth [1211/7117 (USBGN)] at northeastern base of Serranía de Macuira [1210/7120 (USBGN)] at tip of Península de la Guajira [1200/7130 (USBGN)], Marinkelle, ca. 10-14 Jan. 1968 (Marinkelle, 1970:15-34).

SOUSA; Valle del Cauca Not located
3,300 ft [1,000 m], Miller, 14 Jan. 1959 (MVZ); probably in the vicinity of Buga [0354/7617 (USBGN)], where Miller was on same date; almost certainly a misspelling of Sonso [0348/7619 (USBGN)], another Miller site.

STROUD RANCH; Meta ca. 0400/7250
200 m, in northern Meta in llanos 17 km SE of Puerto López [0405/7258 (USBGN)], Smith and Smith, 26 June-9 July 1969, Gill, et al., 16 Feb.-2

Mar. 1970, Fisher, 18 Dec. 1971-6 January 1973 (Mack & Fisher, 1988:397-398); Spanish name for site not given; not shown on our maps.

SUÁRAEZ, RÍO; Boyacá/Santander 0646/7316 (USBGN)
Rises on western slope of central Eastern Andes near Chiquinquirá [0537/7350 (USBGN)] and flows NNE along slope to ca. 35 km S of Bucaramanga [0708/7309 (USBGN)] where joins Río Chicamocha [0646/7312 (USBGN)] to form Río Sogamoso [0713/7356 (USBGN)] (MHA); listed by de Schauensee, 1948a:333, but without collector or date.

SUARRAGA; Caldas (ANSP); see Suarraga, Risaralda.

SUARRAGA; Cauca (de Schauensee, 1948a:333); see Suarraga, Risaralda.

SUARRAGA; Risaralda ca. 0515/7615
ca. 1,200 m, near border of Chocó, near Río Suarraga [not located], an affluent of Río Tatamá [0512/7606 (USBGN)], S of Santa Cecilia [0518/7613 (USBGN)] and W of Pueblorrico [0512/7608 (USBGN)], von Sneidern, 10-11 Nov., 19 Dec. 1945 (ANSP, as "Suarraga, Caldas"; de Schauensee, 1950a (errata et corrigenda):[3], a correction of earlier (1948a:333) placement in Cauca).

SUBA; Cundinamarca 0445/7405 (USBGN)
2,711 m, a northern suburb of Bogotá [0436/7405 (USBGN)] (MHA); Apolinar, 5 Apr. 1915 (Chapman, 1915b:646); collector ?, 5 Aug. 1916 (Apolinar, 1916:144); collector ?, May 1918, 15 Feb. 1922 (UMMZ, as "Laguna de Suba"); collector ?, Jan. 1917, Apr. 1919 (Collar & Wege, 1994, Bird Conserv. Intern., 5:369); Nicéforo ?, Oct. 1921 (MCZ, as "Laguna de Suba"); Borrero, at 2,600 m, 16 Feb. 1942 and at 2,650 m, date ? (Dugand, 1943a:194; Borrero, 1947:498); collector ?, May 1947 (Iafrancesco, et al., 1986:48); Nicéforo, 17 Feb. 1951, 3 Jan. 1952 (Serna, 1980:15, 88); collector ?, 6 Mar. 1951 (Olivares, 1967:41); Borrero and Bernal, Apr. 1952 (FMNH, as "Maleza de Suba"); collector ?, at "Puente de Suba," which presumably is nearby, Dec. 1914 (Nicéforo, 1923:334); Nicéforo ?, 25 June, July 1918, Oct. 1931 (MCZ, also as "Laguna de Suba"); according to de Schauensee, 1948a:333, the "Suba Marshes" of Chapman (e.g., 1917:518) are known as "Tibabuyes" and are ca. 3 km W of Suba, at 2,560 m, on the Río Bogotá [0418/7448 (USBGN)]; Chapman, 17, 21 Feb. 1913, at "Suba Marshes" (Chapman, 1914a:172, 191); Apolinar, at "Suba Marshes," 7 Feb. 1914 (Chapman, 1914b:635); Borrero, at "la laguna de Tibabuyes," Oct. year ? (Borrero, 1945a:408; Dugand, 1948a:163); Arvey, at "Suba marsh," 30 Mar. 1960, Borrero, in

vicinity, 16 June 1960, at Suba at Hacienda Cerro de Conejero [not located] and Hacienda El Otono [not located], both 24 Apr. 1960 (LACMNH).

SUBACHOQUE; Cundinamarca 0456/7411 (USBGN)
2,685 m, on western slope of central Eastern Andes, near northwestern limit of Sabana de Bogotá, 21 km SW of Zipaquirá [0502/7400 (USBGN)] and 24 km NW of Facatativá [0449/7422 (USBGN)] (MHA); Nicéforo, 9, 26 Jan. (ANSP), Dec. 1939 (Iafrancesco, et al., 1986:48); Jaramillo, June, 20 July 1947, 28 Jan. 1948 (FMNH; LACMNH); Borrero, date ? (Borrero, 1947:498); Borrero, 9 Oct. 1949 - 20 [29 ?] July 1951 (Borrero, 1952a:11); Arvey, 29 May 1960 (LACMNH).

SUBA, LAGUNA DE (MCZ); see Suba.

SUBA, MALEZA DE (FMNH); see Suba.

SUBA MARSHES (Chapman, 1914:172); see Suba.

SUBA, PUENTE DE (Nicéforo, 1923a:334); see Suba.

SUBÍA; Cundinamarca 0434/7427 (USBGN)
5,860 ft [1,800 m], near La Mesa [0438/7428 (USBGN)] (Chapman, 1917:655); González, 16, 25 July 1913 (FMNH; UMMZ); de Schauensee, 1948a:333, confuses town of Subía with Cordillera del Subía [0424/7427 (USBGN)] (or Sierra de Subía as it is named on MHA), and states that altitude given by Chapman (*loc. cit.*) is too low and should be ca. 3,000 m; while the mountains do rise to 3,000 m, it is evident that town of Subía must lie on the northern slope of the range and not on its crest; no town by this name is shown on our maps and USBGN gives coordinates for two nearby Subías, viz , 0429/7422 and 0434/7427; the latter is probably the one meant by Chapman because he mentions its proximity to La Mesa whereas the former Subía lies on southern slope of range and is near Fusagasugá [0421/7422 (USBGN)]; de Schauensee (*loc. cit.*) also mentions collection recently [prior to 1948] made by Borrero at 2,600 m, which doubtless refers to the mountains, not to the town.

SUCIO, RÍO; Antioquia/Chocó 0727/7707 (USBGN)
Rises in northwestern Antioquia in vicinity of Giraldo [0639/7557 (USBGN)] and flows NW and then W to join lower Río Atrato [0817/7658 (USBGN)] (MHA; IGAC [Antioquia]); collector ?, locality ?, Apr. 1881 (FMNH); Miller and Boyle, at Dabeiba [0701/7616 (USBGN)], 12-14, 25-26 Feb. and Alto Bonito [ca. 0705/7630], 16-23 Feb. 1915 (Chapman, 1917: 59-60, 67, 640, 644).

SUCRE, DEPARTAMENTO DE 0900/7500 (USBGN)
Northern Colombia in Caribbean lowlands; formerly part of Bolívar;
bordered on N by Caribbean, on E by Bolívar, on S by Antioquia, and on
W by Córdoba; moist in S but dry to N; major city is Sincelejo [0918/7524
(USBGN)].

SUCUMBÍOS, RÍO (MHA); see San Miguel, Río.

SUCURUYÚ, QUEBRADA; Amazonas ca. 0300S/6945
(Scheuerman, 1977:8(map))
On right bank of Río Cotuhé [0253S/6844 (USBGN)], a tributary of lower
middle Río Putumayo [0307S/6758 (USBGN)], in Trapecio Amazónico
(Scheuerman, 1977:8(map)); Scheuerman, 2.5 hours by water above
confluence and 3 hours from Tarapacá [0252S/6944 (USBGN)], 2 Feb.
1975 (Scheuerman, 1977:3); this locality is at ca. 100 m (MHA).

SUESCA; Cundinamarca 0506/7348 (USBGN)
2,635 m, northeastern Sabana de Bogotá, 15 km WSW of Chocontá
[0509/7341 (USBGN)] and 23 km NE of Zipaquirá [0502/7400 (USBGN)]
(MHA); collector ?, date ? (Dugand, 1948a:185; Borrero & Hernández,
1958:288); collector ?, 28 Oct. 1963 (UNC); collector ?, on páramo NW of
Suesca, date ? (Olivares, 1969b:275).

SUESCA, LAGUNA DE; Cundinamarca 0511/7347 (USBGN)
ca. 2,500 m, small lake on plateau of central Eastern Andes, 5 km N of
Suesca [0506/7348 (USBGN)], 58 km SW of Tunja [0531/7322 (USBGN)],
and 28 km NE of Zipaquirá [0502/7400 (USBGN)] (MHA); collector ?,
date ? (Olivares, 1969b:402).

SULAYVAR; see Santa Rosa de Osos.

SUMAPAZ; Cundinamarca 0352/7425 (USBGN)
3,174 m, on western slope of central Eastern Andes above right bank of
upper Río Sumapaz [Río Fusagasugá, 0416/7447 (USBGN)] and below
southwestern end of Páramo de Sumapaz [0345/7425 (USBGN)] (MHA, as
"Casa Sumapaz"); collector ?, 1 Feb. 1938 (Cooke, 1941:152, as "Colonia
Agrícola de Sumapaz").

SUMAPAZ; Tolima Not located
Collector ?, Jan. 1947 (Iafrancesco, et al., 1987:109); probably an error
for Sumapaz, Cundinamarca.

SUMAPAZ, COLONIA AGRICOLA DE (Cooke, 1941:152); see Sumapaz.

SUMAPAZ, PÁRAMO DE; Cundinamarca/Meta/Huila 0345/7425 (USBGN)
On crest of central Eastern Andes from ca. 0345/7425, near junction of Meta, Huila, and Cundinamarca, northeastward to ca. 0415/7410, 25 km S of Bogotá [0436/7405 (USBGN)] (MHA; Atlas, 1977); collectors at Laguna Chisacá [0417/7413 (USBGN)] and Boca Grande [0418/7407 (de Schauensee, 1948a:286)], which see, and on Páramo de Sumapaz without specific locality, as Olivares, Oct. 1959 (FMNH), collector ?, 6 June 1965 (Olivares, 1967:51), and collector ?, date ? (Niséforo & Olivares, 1975:2).

SUNA; Boyacá ca. 0515/7310
ca. 1,400 m, on eastern slope of central Eastern Andes, in municipality of Miraflores [0515/7310 (USBGN)], 5 km NE of Miraflores [0512/7312 (USBGN)], subtropical, coffee, sugar, and corn grown, trees only bordering fields, Bernal, Apr., Dec. 1960, Jan., Dec. 1961, Jan. 1962 (Olivares, 1963a:91ff); all material from Suna seems to have been labeled "Miraflores."

SUPATÁ; Cundinamarca 0504/7414 (USBGN)
ca. 1,600 m, on western slope of central Eastern Andes, 27 km WNW of Zipaquirá [0502/7400 (USBGN)] and 12 km SW of Pacho [0508/7410 (USBGN)] (MHA); collector ?, above Supatá, date ? (Olivares, 1969b:222).

SURATÁ; Santander 0722/7300 (USBGN)
1,740 m, on western slope of Eastern Andes near head of valley of Río Suratá [0709/7307 (USBGN)], 32 km NE of Bucaramanga [0708/7309 (USBGN)] and 12 km S of Cachirí [0730/7301 (USBGN)] (MHA); Wyatt (1871:map, 125, 322, 376, 378) passed through area en route from Ocaña [0815/7320 (USBGN)] to Bucaramanga in Feb. 1870, and cited localities of "Cocuta Suratá" and "Cocuta valley"; these cannot be found, although there is both a Cácuta [0716/7239 (USBGN)] and a Suratá in vicinity; Wyatt shows on his map "Cocuta Matanza" which must be Matanza [0722/7302 (USBGN)], suggesting that "Cocuta Suratá" must be simply Suratá and that "Cocuta" [= Cácuta] must have been used as a prefix to denote the region; "Cocuta valley" is probably the Río Suratá valley; the coordinates given by Chapman (1917:644) are erroneous; Carriker, at Suratá, Jan., 12 Dec. 1961, and above Suratá, 2,880-3,050 m, 16, 27 Dec. 1961, 4-13, 18, 21 Jan. 1962 (WFVZ; YPM; LACMNH; LSU).

SURÍA, CAÑO; Meta ca. 0402/7325 (MHA)
Tributary of Río Negrito [0408/7258 (USBGN)] in llanos 33 km SE of Villavicencio [0409/7337 (USBGN)] and ca. 12 km SE of Apiay [0405/7334 (USBGN)] (MHA); Dugand and Lehmann, 25-26 Jan. 1942

(Dugand, 1945b: 402); collector ?, at 450 m, date ? (de Schauensee, 1946b:7); collector ?, at nearby Hacienda San Antonio [ca. 0402/73251], date ? (Borrero, 1960a: 498, 514).

SURINEMA; Meta 0351/7317 (USBGN)
ca. 250 m, on llanos 42 km NE of San Martín [0342/7342 (USBGN)] and 50 km SE of Villavicencio [0409/7337 (USBGN)] (MHA); on Caño Surinema [Caño Guaroa; 0347/7312 (USBGN)], an affluent of Río Humadea [0343/7310 (USBGN)], collector ?, date ? (Borrero & Hernández, 1961:441, 442).

SUSUMUCO (MCZ); see Susumuco, Quebrada.

SUSUMUCO, QUEBRADA; Cundinamarca 0412/7344 (USBGN)
Arises in lower eastern slope of central Eastern Andes on southern slope of Cordillera Baldío [0419/7345 (USBGN)] and enters left bank of Río Negro [0403/7345 (USBGN)] 13 km WNW of Villavicencio [0409/7337 (USBGN)], where altitude is ca. 800 m (MHA); Chapman (1917:655) states that the site is between Buenavista [0410/7341 (USBGN)] and Monteredondo [ca. 0417/7348] and was much frequented by collectors; we can find no town of Susumuco and suggest that name was used on material taken where the Bogotá/Villavicencio trail crossed the Quebrada de Susumuco at ca. 0413/7345; collector ?, 4 Jan. 1916, Apr. 1919 (UMMZ, as "Susumuco"); Nicéforo ?, Oct.-Nov. 1922 (MCZ, as "Susumuco"); collector ?, date ? (Nicéforo, 1940:320; Dugand, 1948a:164, both as "Susumuco"); also see Susunuco.

SUSUNUCO; Meta Not located
Collector ?, Sept. 1925 (Iafrancesco, et al., 1987:114); certainly an error for Quebrada Susumuco, which see.

SUTATENZA; Boyacá 0501/7327 (USBGN)
ca. 1,900 m, on eastern flank of middle Eastern Andes, 2 km NE of Guateque [0500/7328 (USBGN)] and 29 km SE of Chocontá [0509/7341 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1975:4).

TABACO (Serna, 1984:20); see El Tabaco.

TABACO, EL; see El Tabaco.

TABANO, PÁRAMO DEL; Nariño ca. 0110/7712
3,000-3,300 m, 15 km E of Pasto [0113/7717 (USBGN)] on road to
Intendencia del Putumayo [0030/7600 (USBGN)] slightly before Laguna de
la Cocha [0105/7709 (USBGN)], above village of El Encano [0110/7710
(USBGN)], González, Borrero, and Lumsden, sometime between Jan.-Mar.
1950 (Borrero, 1952b:2; Atlas, 1977); González, 25 Sept. 1950 (Borrero,
1950b:241); this must be a local name, as it is not shown on our maps.

TABIO; Cundinamarca 0455/7406 (USBGN)
2,643 m, on Sabana de Bogotá, 11 km N of Bogotá [0436/7405 (USBGN)]
and 16 km SW of Zipaquirá [0502/7400 (USBGN)] (MHA); Gómez, Jan.
1952 (FMNH); collector ?, 13 Dec. 1949 (Iafrancesco, et al., 1988:109);
Bonilla, et al., 1987 (Stiles & Rosselli, 1988).

TABLAZA (Serna, 1980:105); see La Tablaza.

TABLAZA, LA; see La Tablaza.

TABLAZO (YPM); see El Tablazo.

TACAMOCHO; Bolívar 0929/7448 (USBGN)
ca. 100 m, on left bank of Río Magdalena [11106/7451 (USBGN)], 17 km
SSW of Córdoba [0938/7447 (USBGN)] (MHA); Wyatt, Jan. 1870 (Wyatt,
1871:319, 321, 323, as "Catamucho").

TACARCUNA (de Schauensee, 1945b:43); see Tacarcuna, Cerro.

TACARCUNA, CERRO; Chocó 0805/7717 (USBGN)
1,910 m, major mountain in Serranía del Darién [0830/7730 (USBGN)]
through which summit runs the international boundary in a N/S direction,
the eastern slope being in Colombia and the western slope in Panama
(Atlas, 1977); Anthony and Ball, at 4,600 ft [1,400 m], 1 Apr. 1915
(Chapman, 1924c:6); Wetmore and Handley, 2-3 Mar. 1964 on
international boundary (Wetmore, 1965:161); Pearman, on eastern slope,
from ca. 400-1,280 m, 6-11 Oct. 1990 (Pearman, 1993:67, 69-74); de
Schauensee, 1945b:43, as "Tacarcuna" and 1952a:1137, as "Mt.
Tacarcuna."

TACARCUNA, MOUNT (de Schauensee, 1952a:1137); see Tacarcuna, Cerro.

- TÁCHIRA, RÍO; Norte de Santander** 0755/7225 (USBGN)
Rises on Páramo de Tamá [0725/7226 (USBGN)], on eastern slope of northern Eastern Andes, 53 km S of Cúcuta [0754/7231 (USBGN)] and flows N, forming Colombia/Venezuela boundary, to join Río Pamplonita [0820/7221 (USBGN)], 5 km N of Cúcuta (MHA); Nicéforo ?, near river and Cúcuta, date ? (Nicéforo, 1940:317); Nicéforo, at confluence with Río Pamplonita, 15 Oct. 1944; Osgood and Jewett, at headwaters at 8,000 ft [2,450 m], Feb.-Mar. 1911 (FMNH).
- TADÓ; Chocó** 0516/7632 (USBGN)
90 m, close to western base of central Western Andes on upper Río San Juan [0403/7727 (USBGN)] 18 km NE of Istmina [0510/7639 (USBGN)] (MHA); Palmer, 28 Feb., 29-30 Apr., 1-3, 7-8, 17-19, 21-22, 27, 30-31 May, 2-4, 8, 12, 15-18, 26, 28 June 1909 (Hellmayr, 1911:109ff; MCZ; CU; UMMZ; MVZ).
- TAGANGA; Magdalena** 1116/7412 (USBGN)
Sea level, on coast 5 km NNE of Santa Marta [1115/7413 (USBGN)] (MHA); rocky, semiarid, vegetation similar to that of Santa Marta (Todd & Carriker, 1922:128); Smith, 22 June 1898 or 1899 (Allen, 1900a:129, as "Tayanga").
- TAGUA** (Todd & Carriker, 1922:39); see Las Taguas.
- TAGUAS, LAS**; see Las Taguas.
- TAHUAPUNTO** (de Schauensee, 1948a:316); see Tauá.
- TAIRONA, PARQUE NACIONAL** (Atlas, 1977); see Tayrona, Parque Nacional Natural.
- TALANQUERA; Meta** ca. 0305/7342 (Atlas, 1977)
ca. 250 m, on llanos, 15 km E of northeastern end of Serranía de la Macarena [0245/7355 (USBGN)], 42 km SE of San Juan de Arama [0326/7350 (USBGN)] (Atlas, 1977); collector ?, date ? (de Schauensee, 1952a:1137).
- TAMA, PÁRAMO DE; Norte de Santander** 0725/7226 (USBGN)
3,329 m, on eastern slope of northern Eastern Andes, on Colombia/Venezuela boundary (MHA); Osgood and Jewett, at headwaters of Río Táchira [0755/7225 (USBGN)], at 8,000 ft [2,450 m], Feb.-Mar. 1911, forest and meadows, with no true páramo (Chapman, 1917:651; FMNH).

TAMBITO; Cauca ca. 0230/7700 (Atlas, 1977)
1,450-1,500 m (Negret, 1991:41; 1997a:47); 40 km WNW of Popayán [0227/7636 (USBGN)] and 54 km SSE of López [0258/7714 (USBGN)] (Atlas, 1977); in Parque Nacional Natural Munchique 0244/7701 (WCMC)], on slopes of Cerro Munchique [0232/7657 (USBGN)], Negret, May, June, 1 July, Aug., Nov., Dec. 1990, Aug. 1996, Salaman, at 2,100 m, date ?, and between Tambito and Juntas [not located], at 1,200 m, Sept. 1988, May 1989 (Negret, 1991:41, 43, 44; 1997a:47; 1997c:88).

TAMBO; Cauca (Niquéforo, 1940:317); see El Tambo, Cauca.

TAMBO, EL; see El Tambo.

TAMBOR, EL; see El Tambor.

TAMBOS (MCZ); see Los Tambos.

TAMBOS, LOS; see Los Tambos.

TÁMESIS; Antioquia 0540/7543 (USBGN)
1,638 m, on eastern slope of central Western Andes, 13 km NW of Valparaíso [0538/7537 (USBGN)] (MHA); collector ?, nearby on Río Frío [0543/7540 (USBGN)], date ? (Niquéforo & Olivares, 1965:53); collector ?, 20 Apr. 1965, 7 May 1970, Serna and Zuluaga, 14 Jan. 1975 (Serna, 1980:5, 23).

TAMOCAL, QUEBRA (Todd & Carriker, 1922:122); see Tamocal, Quebrada.

TAMOCAL, QUEBRADA; Magdalena ca. 1115/7410
An affluent of Río Manzanares [1114/7413 (USBGN)] rising near Minca [1109/7407 (USBGN)] in extreme northwestern Sierra Nevada de Santa Marta [1050/7340 (USBGN)], semiarid woods and savanna (Todd & Carriker, 1922:122, also as "Quebra Tamocal"); no collector cited; see Minca.

TANANDÓ; Chocó 0537/7637 (USBGN)
60 m (Willis, 1967, Univ. California Publ. Zool., 79:119); a right bank tributary of the uppermost Río Atrato [0817/7658 (USBGN)], near foothills of central Western Andes, 11 km SE of Quibdó [0542/7640 (USBGN)] (MHA); very wet, Willis, 22-23 Feb. 1962 (Willis, 1967:119; 1988:137)).

TANANÉ (Borrero, 1960a:50g); see Hacienda Tanané.

TANANE (Iafrancesco, et al., 1986:49); see Hacienda Tanané.

TANANÉ, HACIENDA; see Hacienda Tanané.

TANANÉ, LAGUNA DE; Meta 0405/7327 (Borrero & Hernández, 1961:443)
325 m, small lake 15 km SE of Villavicencio [0409/7337 (USBGN)], on
left side of Caño Suría [ca. 0402/7325?] and near Hacienda San Antonio [ca.
0402/7325], Bernal, 4 Oct. 1960 (Borrero & Hernández, 1961:432, 443).

TANELA; Chocó 0819/7713 (USBGN)
ca. 70 m, on left bank of Río Tanela [0812/7702 (USBGN)], in Parque
Nacional Natural los Katíos [0750/7710 (WCMC)], 20 km W of Golfo de
Urabá [0825/7653 (USBGN)] and at eastern base of Serranía del Darién
[0830/7730 (USBGN)] (MHA); Rodríguez, 26-27 Jan. 1975 (Rodríguez,
1980:7; Serna & Rodríguez, 1979:1).

TANELA, RÍO; Chocó 0812/7702 (USBGN)
Rises on Panama/Colombia border in Serranía del Darién [0830/7730
(USBGN)] and flows E to western shore of Golfo de Urabá [0825/7653
(USBGN)] (MHA); Haffer, on upper river in forest where trail to Río Tolo
[0830/7716 (USBGN)] leaves bed of Río Tanela, ca. 100 m, 7 Mar. 1959
(Haffer, 1959:7; 1975:75).

T AQUINA; La Guajira ca. 1057/7332 (MHA)
2,140 m, on northern Sierra Nevada de Santa Marta [1050/7340 (USBGN)]
on Río [Quebrada] Macotama [1055/7330 (USBGN)], between Macotama
[1055/7330 (USBGN)] and San Miguel [1058/7329 (USBGN)] (MHA);
Carriker, 29 Mar., 6, 9, Apr. 1914 (Todd & Carriker, 1922:128).

TARAZÁ; Antioquia 0735/7521 (USBGN)
ca. 100 m, at junction of Río Tarazá [0735/7521 (USBGN)] and Quebrada
Chuchuí [ca. 0735/7520], 2 km upstream from confluence of Río Tarazá
with lower Río Cauca [0854/7428 (USBGN)], opposite Cáceres [0735/7520
(USBGN)], near northern end of Central and Western Andes (IGAC
[Antioquia]); pasture and cultivation nearby but heavy forest elsewhere,
Carriker, 25-30 Apr., 1-7 May 1948 (USNM); collector ?, date ? (Borrero,
Olivares, & Hernández, 1962:592); collector ?, 5, 18 Jan. 1969 (Serna,
1980:52, 55); also see Rayo, Quebrada.

TARAZÁ, RÍO; Antioquia 0735/7521 (USBGN)
An affluent of lower Río Cauca [0854/7428 (USBGN)], entering on left
side opposite Cáceres [0735/7520 (USBGN)], and rising on northeastern
end of Western Andes (MHA); collector ?, date ? (Haffer, 1975:76);

doubtless same collector[s ?] as at village of Tarazá [0735/7521 (USBGN)] and at Cáceres, which see; collector ?, between Ríos Tarazá and Rayo [0734/7521 (USBGN)], date ? (Nicéforo & Olivares, 1966:381).

TARRÁ, RÍO; Norte de Santander 0839/7301 (USBGN)
A tributary of upper Río Catatumbo [0902/7231 (USBGN)], rising high on eastern slope of interior northern Eastern Andes in vicinity of Bellavista [0837/7304 (USBGN)] and flowing northeast (IGAC [N. de Santander]); Carriker, at bridge site, 7 km by road below Bellavista, at 500-600 ft [150 m], in second-growth, 10 July 1943 (USNM); Hershkovitz (specimens given to Carriker) from "Río Tarrá" [presumably near Bellavista], 3, 8, 11 Aug. 1943 (USNM); there is another, apparently entirely separate, Río Tarrá arising in same region but flowing S; this is shown on MHA as part of the first Río Tarrá, but as a distinct river system on IGAC [N. de Santander] map, although its terminus is not clear; in addition, there is the nearby Río Tarrá [0904/7227 (USBGN)] which enters lower Río Catatumbo in neighboring Venezuela; the location of Nicéforo's sight record (1947:358) cannot be ascertained.

TASAJERA; see Tasajeras.

TASAJERAS; Magdalena 1059/7420 (USBGN)
ca. sea level, on barrier beach separating Caribbean Sea and Ciénaga Grande de Santa Marta [1050/7425 (USBGN)], 44 km E of Barranquilla [1059/7448 (USBGN)] and 15 km WSW of San Juan de Ciénaga [1101/7415 (USBGN)] (MHA, as "Tasajera"); collector ?, date ? (Romero & Morales, 1981:296).

TATAMÁ (Betancur, 1994); see Tatamá, Cerro.

TATAMÁ, CERRO; Risaralda/Chocó/Valle del Cauca 0500/7605 (USBGN)
3,950 m, peak in central Western Andes, and the point at which Risaralda, Chocó, and Valle del Cauca meet (MHA; Mapa, 1976); site of Parque Nacional Natural Tatamá [0505/7610 (WCMC)]; Palmer, between 2,794-8,000 ft [850-2,450 m], 7-9, 12, 14 Oct. 1909 (Hellmayr, 1911: 1094ff); Pearman, on western slope at ca. 1,500 m, 31 Aug. 1987 (Pearman, 1993:74); observer ?, in Risaralda, date ? (Betancur, 1994, as "Tatamá").

TAUÁ; Amazonas, Brazil ca. 0037/6906 (Vanzolini, per. comm.)
ca. 100 m (MHA); at mouth of Igarapé Miriti [0037/6906 (USBGN)], a left-bank tributary of the upper Río Vaupés [0002/6716 (USBGN)] at Colombian border (Gazetteer Brazil, 1991:629); Olalla brothers on

western [Colombian] bank of Río Vaupés, opposite "Tahuapunto," date ?
(de Schauensee, 1948a:316).

TAUAPUNTO (de Schauensee, 1948a:316); see Tahuapunto.

TAYANGA (Allen, 1900a:129); see Taganga.

TAYRON NATIONAL PARK (Tye & Tye, 1992); see Tayrona, Parque Nacional Natural.

TAYRONA (Phelps, 1972:35); see Tayrona, Parque Nacional Natural.

TAYRONA, PARQUE (Gochfeld, et al., 1980:200); see Tayrona, Parque Nacional Natural.

TAYRONA, PARQUE NACIONAL NATURAL; Magdalena 1120/7402
(WCMC)

ca. 100 m, 15,000 ha in northern Magdalena, extending along Caribbean coast for ca. 25 km at foot of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], N and NE of Santa Marta [1115/7413 (USBGN)] (Dicc. Geog.; Atlas, 1977, as "Parque Nacional Tairona"); Köster and Köster-Stoëwesand, date ? (Köster & Köster-Stoëwesand, 1978:35ff); Dunning, 23 Jan. 1971 (Phelps, 1972, Bol. Soc. Venezolana Cienc. Nat., 30:35, as "Tyrona"); Donahue, 26 July 1974 (Gochfeld, et al., 1980:200, as "Parque Tayrona"); Hilty, late Jan. year ?, 4 Aug. 1978, Brown, Feb. year ?, 4 Mar. year ?, Johnson, 25 Apr. 1972, Mar. 1973, Ridgely, 3 Feb. 1977 (Hilty & Brown, 1986:102, 115, 432, 555, 578, 625, 642, 658; LSU); Hinkelmann, Mar. 1986 (Hinkelmann, 1988a:10); Tye and Tye, at 300 m, 2 May 1988 (Tye & Tye, 1992, as "Tayron National Park"); Dunning, 23 Jan. 199? (ANSP); see, also, Cañaveral.

TEATINOS, LAGUNA DE; Boyacá ca. 0530/7330
ca. 2,600 m, near Samacá [0529/7329 (USBGN)], 15 km WSW of Tunja [0531/7322 (USBGN)] in central highlands of Eastern Andes, collector ?, date ? (Nicéforo & Olivares, 1966:372); not shown on our maps.

TECAUA, RÍO (Nicéforo, 1955b:180); see Cobaría, Río.

TECHO; Cundinamarca ca. 0436/7408
2,570 m, airport 8 km W of Bogotá [0436/7405 (USBGN)] (de Schauensee, 1948a:325); collector ?, 1944 (Borrero, 1946:170); Borrero, 8, 30 Sept., 15 Oct. 1945 (Nicéforo, 1947:357); Jaramillo, date ? (Borrero, 1946:170); Borrero and Bernal, Sept. 1948 (FMNH).

TEJADA, PUERTO; see Puerto Tejada.

TEJNO; Cundinamarca Not located
Nicéforo and Mario, 5 Nov. 1949 (Serna, 1980:54).

TELLO; Huila 0304/7508 (USBGN)
619 m, in western foothills of Eastern Andes, 24 km NE of Neiva [0256/7518 (USBGN)] (MHA); formerly La Unión (de Schauensee, 1948a: 338); Nicéforo (1947:322) refers to a bird held captive here.

TEMPLADO; Cesar 1033/7329 (USBGN)
1,350 m, on southeastern side of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 18 km E of San Sebastián de Rábago [1034/7336 (USBGN)] and 25 km NW of Valledupar [1029/7315 (USBGN)] (MHA); Brown, 13 July 1899 (Bangs, 1899d:76; MCZ); Todd & Carriker (1922:129) say that Brown employed a local hunter to collect here during the summer of 1899.

TENA; Cundinamarca 0440/7424 (USBGN)
1,384 m (de Schauensee, 1948a:335); western slope of middle Eastern Andes, 9 km NE of La Mesa [0438/7428 (USBGN)] and 40 km WNW of Bogotá [0436/7405 (USBGN)] (MHA); source of "Bogotá" trade specimens (de Schauensee, 1948a:335).

TENASUCÁ; Cundinamarca ca. 0442/7422
1,950 m, on western slope of central Eastern Andes, E and N of Tena [0440/7424 (USBGN)] and just below western rim of tableland, one probable source of "Bogotá" trade skins (de Schauensee, 1948a:336); González, May 1913 (FMNH); not on our maps.

TENCHE; Bolívar 0816/7440 (USBGN)
ca. 50 m, on left bank of lower Río Cauca [0854/7428 (USBGN)], ca. 75 km from its confluence with Brazo de Loba [0920/7442 (USBGN)] (MHA); cleared, across river some small hills with original forest [1960] (Haffer, 1975:76); Haffer, or Beattie, or both ?, 3 Apr. (Haffer & Borrero, 1965: 46), July 1960 (Haffer, 1975:76).

TENERIFE; Valle del Cauca 0344/7607 (USBGN)
ca. 2,500 m (Atlas, 1992); on western slope of Central Andes, 38 km NE of Palmira [0332/7616 (USBGN)], 20 km E of Ginebra [0343/7616 (USBGN)], and 11 km NW of Río Amaime [0341/7626 (USBGN)] (Mapa, Valle, 1973); Lehmann, at 2,000 m, 1 Sept. 1958, in vicinity near Río Amaime, at 2,100-2,300 m, 14 July 1957 (Lehmann, 1957:138; MVZ); Schuchmann, 1987 (Schuchmann, 1990b).

- TENJO; Cundinamarca Not located
Guevara, 5 June 1949 (Iafrancesco, et al., 1988:117).
- TEQUENDAMA (Dugand, 1942:71); see Tequendama, Salto de.
- TEQUENDAMA, SALTO DE; Cundinamarca 0435/7418 (USBGN)
ca. 2,500 m, falls on Río Bogotá [0418/7448 (USBGN)] on western slope of central Eastern Andes, 25 km WSW of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:320); collector ?, 1 July 1945, 16 May 1946, Filiberto, 20, 30 Apr. 1946, 4 Nov. 1953 (Iafrancesco, et al., 1986:60, p. 68, as "Tequendama"; 1987:82, as "Tequendama"; 1988:107, as "Tequendama"); Marinkelle, 3, 13 Sept. 1964 (UMMZ; LACMNH); Dugand, 1942:71, as "Tequendama."
- TERESITA; Vaupés 0044/6927 (USBGN)
ca. 100 m, on left bank of Río Papurí [0036/6711 (USBGN)] on Brazilian border, 75 km SE of Mitú [0108/7003 (USBGN)] (Atlas, 1977); Olivares ?, 15 Aug. 1960 (Olivares & Hernández, 1962:66; Olivares, 1973:60).
- TERMALES; Tolima 0458/7523 (USBGN)
3,500 m, 20 km SE of Manizales [0505/7532 (USBGN)] and 10 km NW of Nevado del Ruiz [0454/7518 (USBGN)] on western slope of middle Central Andes (MHA); collector ?, date ? (de Schauensee, 1951a:1040).
- TERREROS, COLINAS DE; see Colinas de Terreros.
- TESCUAL; Nariño 0115/7717 (USBGN)
ca. 3,000 m, in southern Central Andes, ca. 8 km N of Pasto [0113/7717 (USBGN)] (Atlas, 1977); Mena, 6-8, 13 Aug. 1950 (ANSP).
- TESCUAL, RÍO; Nariño 0054/7733 (USBGN)
Rises in southern Nariño and joins Río Guáitara [0134/7727 (USBGN)] NW of Puerres [0053/7730 (USBGN)], collector ?, date ? (de Schauensee, 1952a:1138); not on our maps; the collector may have been Mena, who was in area in 1950 (see Río Guáitara and Puerres).
- TETA; La Guajira (Nicéforo & Olivares, 1967:414); see Las Tetas, Cesar.
- TETA, LA; see La Teta.
- TETA, RÍO (MVZ); see La Teta and Buenos Aires, Cauca.
- TETAS, CERRO DE LAS (Mapa, 1976); see Las Tetas.

TETAS, LAS; see Las Tetas.

TIBABUYES (de Schauensee, 1948a:333); see Suba.

TIBACUY; Cundinamarca 0421/7427 (USBGN)
ca. 1,500 m, on western slope of central Eastern Andes, 10 km W of Fusagasugá [0421/7422 (USBGN)] (MHA); collector ?, "below" Tibacuy at ca. 1,600 m, date ? (Dugand, 1948a:190); Cortés, 11 Oct. 1946 (ANSP); Arvey, 18 Nov. 1959 (LACMNH).

TIBAITATA; Cundinamarca Not located
Very likely an error for Tibabitá [0447/7402 (USBGN)], N of Bogotá [0436/7405 (USBGN)]; collector ?, date ? (Olivares, 1969b:129).

TIBÚ; Norte de Santander 0839/7242 (USBGN)
ca. 50 m, at eastern base of northern extension of Eastern Andes, in northeastern Norte de Santander, on Río Tibú [0842/7239 (USBGN)], 8 km from Venezuelan border and 62 km NNE of Sardinata [0805/7248 (USBGN)] (Atlas, 1977); Nicéforo, 6 July 1949 (Iafrancesco, et al., 1987:89); Nicéforo and Filiberto, 3 Aug. 1949 (Iafrancesco, et al., 1989:144); Nicéforo, 16 Jan., 3 Aug. 1950 (Serna, 1980:28, 30); collector ?, date ? (Nicéforo & Olivares, 1964:18); Nicéforo, on road to [Casa de] Astillero [0808/7235 (USBGN)], 22 Aug. 1960 (Iafrancesco, et al., 1987:76); collector ? [Marinkelle ?], 13 May 1964 (WVZ); Marinkelle, 4 Apr., 13 May, 1, 3-5, 14 June, 6, 10 July 1966 (WVZ; UMMZ; LACMNH).

TIBÚ; Norte de Santander 0839/7242 (USBGN)
ca. 100 m, in the lowlands E of the Andes, on Río Tibú [0842/7239 (USBGN)], a short distance from the Venezuelan border (Atlas, 1977);

TIBÚ, RÍO; Norte de Santander 0842/7239 (USBGN)
Small river rising on eastern slope of northern extension of Eastern Andes and joining Río Tarra [0904/7227 (USBGN)] at Venezuela border (MHA); Nicéforo, 1 Aug. 1948 (Iafrancesco, et al., 1989:137); collector ?, at Tibú [0839/7242 (USBGN)], date ? (Nicéforo & Olivares, 1964:18).

TICUY; Norte de Santander Not located
On Río Zulia [0904/7218 (USBGN)], Nicéforo, 30 Jan. 1958 (Iafrancesco, et al., 1985:53); presumably near Cúcuta, an area visited often by Nicéforo.

TIERRA ALTA; Bolívar (de Schauensee, 1950b:6); see Tierralta, Córdoba.

TIERRALTA; Córdoba 0811/7604 (USBGN)
120 m, on middle Río Sinú [0924/7549 (USBGN)], 67 km SSW of Montería [0846/7553 (USBGN)] (MHA, as "Tierra Alta"); at southern end of wide cultivated valley, forested hills and mountains nearby (Haffer, 1975:77); Carriker, 8-12, 14-16 Feb., 17-19 Mar. 1949 (USNM); von Sneider, 5-7, 10-11, 19-20 Mar., 19-20, 22 May 1949 (de Schauensee, 1950b:6, as "Tierra Alta, Bolívar"; UMMZ, as "Tierra Alta, Bolívar"; ANSP); Beattie 1961 ? (Haffer & Borrero, 1965:48, as "Tierra Alta"); Willis, in vicinity, 13-14, 19 June 1962 (Willis, 1988:138).

TIERRA NUEVA; La Guajira ca. 1035/7245 (Atlas, 1977)
ca. 1,000 m, at northern end of Serranía de Perijá [1000/7300 (USBGN)], as well as at northern end of Serranía de Valledupar [1035/7252 (USBGN)], 21 km SE of Fonseca [1054/7250 (USBGN)] (Atlas, 1977, as "Tierranueva"); Carriker, between 3,000-5,800 ft [900-1,750 m], 2-5, 7-19, 21, 23, 25-26 July 1941 (USNM; Wetmore & Phelps, 1943, Journ. Washington Acad. Sci., 33:144, give altitude of "1,200-1,500 ft" [350-450 m], which is too low); Hernández, date ? (Serna, 1984:27); see, also, Marimonda.

TIERRA NUEVA; Magdalena 1045/7419 (USBGN)
ca. 10 m, SE of Ciénaga Grande de Santa Marta [1050/7425 (USBGN)] on Río Aracataca [1046/7422 (USBGN)], 9 km from its mouth (MHA); heavily forested [1913], Carriker, 12 June 1913 (Todd & Carriker, 1922: 129).

TIGRE, ARROYO; Bolívar 0942/7536 (USBGN)
In western Serranía de San Jacinto [0940/7520 (USBGN)], or Montañas de María [0940/7515 (USBGN)], a short distance W of Palmira [0943/7525 (USBGN)] and ca. 35 km W of Lázaro [0943/7519 (USBGN)], Beattie, 17, 22 Feb. 1961 (Haffer & Borrero, 1965:47, 51); not on our maps.

TIGRE, EL; see El Tigre.

TIGRE, HATO CAÑO; see Hato Caño Tigre.

TIGRA, LA; see La Tigra.

TIGRE POZO (Serna, 1984:2); see El Pozo.

TIGRERA, LA; see La Tigra.

TIJERAS; Huila 0222/7616 (USBGN)
ca. 3,000 m, on eastern slope of southern Central Andes, near headwaters of Río Aguacatal [0216/7601 (USBGN)], on road from Popayán [0227/7636 (USBGN)] across Andes, on northern side of Volcán Puracé [0221/7623 (USBGN)], to upper Magdalena Valley (Atlas, 1977); de Schauensee, 1948a:336, places this near valley of Río Moscopán [0217/7559 (USBGN)], which is true, but that valley is the next one north of Río Aguacatal and separated by a ridge; this does, however, fall within the "Moscopán region" as defined by Lehmann, 1957:147, which see; Carriker, 17 Jan. (USNM, as "Las Tijeras, Cauca"), 22-27, 29 Feb., 1, 3-6, 8, 10-15 Mar. 1952 (USNM, as "Tijeras Moscopán"); von Sneider, at 2,200 m, 17 Apr. 1955, Lehmann, at 2,400 m, 16 May 1958 (Lehmann, 1960a:269, 270); Lehmann, at 2,400 m, 27 July (MVZ) and at 2,500 m, 25-26 July 1957 (Lehmann, 1957:130; MVZ); Carriker, 9 Feb. 1956 (MVZ), 24 Feb. 1958 (YPM); A. H. Miller, at 2,450 m, 14-16, 18-19 May 1958 (Miller, 1960:236; MVZ); Carriker, at 2,500 m, 19 Jan., 7-20 Feb. 1957, 15-22, 24, 26-28 Feb., 1 Mar. 1958 (FMNH; LACMNH); Willis, 5, 8 Apr. 1966 (Willis, 1988:138); also see Moscopán..

TIJERAS, LAS (USNM); see Tijeras, Huila.

TILUPO (Haffer, 1959:32); see Titupú.

TIMBA; Valle del Cauca 0307/7637 (USBGN)
ca. 1,000 m, in upper Cauca Valley, 40 km SSW of Cali [0327/7631 (USBGN)] on road to Popayán [0227/7636 (USBGN)], on border of Valle del Cauca/Cauca, and near mouth of Río Timba [0305/7637 (USBGN)], which originates on eastern slope of Western Andes behind town (MHA; Atlas, 1977); von Sneider, at 1,200 m, Feb., 3 Mar. 1937 (Gyldenstolpe, 1941:6, as "Timba Valle," probably meaning "Timba Valley" or possibly "Timba, Valle del Cauca"; FMNH); Lehmann, 30 Apr. 1957 (LACMNH); collector ?, at 2,000 m [1,000 ? m], date ? (Borrero, 1972b:400).

TIMBA VALLE (Gyldenstolpe, 1941:6); see Timba.

TIMBEO, RÍO (MVZ); see Timbío, Río.

TIMBÍO; Cauca 0220/7640 (USBGN)
ca. 1,500 m, on middle Río Timbío [0211/7700 (USBGN)], an affluent of upper Río Patía [0204/7704 (USBGN)], 12 km SW of Popayán [0227/7636 (USBGN)], on lower western slopes of Central Andes (MHA); Carriker, 5 June, 11 July 1956 (CM), 22 July 1958, 1, 5 Apr., 10 May, 12 June 1959, and above "El Timbío" at 2,000 m, 19, 22 Oct. 1957 July 1958 (FMNH);

LACMNH, as "El Timbío"); Carriker, 30 Mar., 1, 5 Apr., 10, 15 May, 12 June, July 1959, Marinkelle, 11 May, 4 June 1969 (WFVZ, also as "El Timbío"; UMMZ; LSU); Carriker, 16 Sept. 1963 (YPM); Pazos, at 1,700 m, Aug. 1967 (FMNH).

TIMBÍO, RÍO; Cauca 0211/7700 (USBGN)
An affluent of upper Río Patía [0204/7704 (USBGN)], originating on western slopes of southern Central Andes, S of Popayán [0227/7636 (USBGN)] (MHA); von Sneiden, 12 Aug., 7 Dec. 1938 (ANSP); collector ?, 1 Apr. 1939 (MVZ, as "Río Timbeo"); von Sneider, between 4,200-4,500 ft [1,300-1,400 m], date ? (Bond & de Schauensee, 1940:155); Carriker, June 1956, at town of Timbío [0220/7640 (USBGN)] and above "El Timbío" at 2,000 m, July 1958 (FMNH); Pazos, at Timbío, at 1,700 m, Aug. 1967 (FMNH).

TIMBIQUÍ; Cauca 0246/7742 (USBGN)
ca. 100 m, on Pacific coastal plain in southwestern Cauca, 8 km from Pacific and 21 km NE of Guapí [0236/7754 (USBGN)] (MHA); Olivares, 11 Jan. 1956 (Olivares, 1957b:39).

TINAJAS, LAS; see Las Tinajas.

TIPIACA; Vaupés ca. 0108/7003
In municipio Mitú [0108/7703 (USBGN)], also known as Villa Fátima (Dicc. Geog.); near small hill of Cerro de Villa Fátima [not located] on Río Vaupés [0002/6716 (USBGN)], between Mitú and Brazilian border, Olivares, between 11-22 Aug. 1960 (Olivares & Hernández, 1962:61-64).

TIPLE (MHA); see El Tiple.

TIPLE, EL; see El Tiple.

TIQUISA; Cundinamarca 0453/7405 (USBGN)
Alt.?.; on Sabana de Bogotá, SE of Subachoque [0456/7411 (USBGN)]; not found on our maps; Hernández, 7 Jan. 1955 (LACMNH).

TIRANA, LA; see La Tirana.

TITUJURA; La Guajira ca. 1211/7117 (Marinkelle, 1970:16 (map))
ca. 100 m, ca. 2 km SW of Nazareth [1211/7117 (USBGN)] at northeastern base of Serranía de Macuira [1210/7120 (USBGN)] at tip of Península de la Guajira [1200/7130 (USBGN)], Marinkelle, ca. 10-14 Jan. 1968 (Marinkelle, 1970:15-34).

TITUMATE; Chocó 0819/7705 (USBGN)
Sea level, on western side of Golfo de Urabá [0825/7653 (USBGN)] (MHA); Haffer, Mar. (Haffer, 1975:77) and in gulf off Titumate, Feb., 6 Mar. 1959 (Haffer, 1959:13, 22).

TITUPÚ; Chocó ca. 0755/7704
ca. 100 m (MHA); Haffer, 1975:77, describes "Tilupo" as being on "Río Tilupo," 10 km N of Sautatá [0750/7704 (USBGN)]; the latter must be "Quebrada Titupú" [0750/7703 (USBGN)] of MHA (as "Quebrada de Titupú") and USBGN; Tilupo [Titupú] is shown on the sketch map of Rodríguez (1982:x), within Parque Nacional Natural los Katíos [0750/7710 (WCMC)]; Haffer, Feb. 1959 (Haffer, 1959:32; 1975:77).

TOBIA; Cundinamarca 0507/7427 (USBGN)
ca. 500 m, at western base of central Eastern Andes, 9 km NNE of Villeta [0501/7428 (USBGN)] (Atlas, 1977); collector ?, date ? (Olivares, 1969b:219).

TOCAGUÁ, CIÉNAGA DE; Atlántico 1038/7511(USBGN)
ca. 50 m, small lake in western Atlántico on Bolívar border, 5 km W of Laguna de Luruaco [1037/7510 (USBGN)] and ca. 10 km inland from Caribbean coast (MHA); semiarid region, Giacometto and Dugand, 13-14 May 1938, Dugand, Borrero, and Cortés, 14 Jan. 1947 (Dugand, 1947c: 530, 545, as "Tocahagua"); von Sneider, Dec. 1939 (FMNH); de Schauensee, 1948a:337, as "Laguna de Tocahagua."

TOCAHAGUA (Dugand, 1947c:530); see Tocaguá, Ciénaga de.

TOCAHAGUA, LAGUNA DE (de Schauensee, 1948a:337); see Tocaguá, Ciénaga de.

TOCAIMA; Cundinamarca 0428/7438 (USBGN)
ca 500 m, on western slope of central Eastern Andes on Río Bogotá [0418/7448 (USBGN)], 25 km NE of where it joins upper Río Magdalena [1106/7451 (USBGN)] at Girardot [0418/7448 (USBGN)] (MHA); collector ?, at "El Cucharo" [probably a hacienda], date ? (Borrero, Olivares & Hernández, 1962:589).

TOCAIMITO; Cundinamarca ca. 0428/7403
3,000-3,100 m, former ranch on trail from Bogotá [0436/7405 (USBGN)] to Villavicencio [0409/7337 (USBGN)], below and W of Chipaque [0427/7403 (USBGN)] on eastern slope of central Eastern Andes (de

Schauensee, 1948a:337); near junction of temperate and páramo zones, Chapman, Fuertes, et al., 16, 19 Mar. 1913 (Chapman, 1917:50, 655; CU).

TOCANCIPÁ; Cundinamarca 0458/7355 (USBGN)
ca. 2,600 m, on northern Sabana de Bogotá 14 km SE of Zipaquirá [0502/7400 (USBGN)] and 45 km NNE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:80).

TOCHE; Tolima 0432/7525 (USBGN)
ca. 2,000 m, village near head of Río Toche [0426/7522 (USBGN)], a part of the Río Magdalena [1106/7451 (USBGN)] drainage, on southern slope of Nevado del Tolima [0440/7519 (USBGN)], a major mountain in Central Andes and 20 km NW of Ibagué [0427/7514 (USBGN)] (MHA); Fuertes, 19 May 1911 (CU, as "Alto de Toche"; identification uncertain); Allen and Miller, 23-27 Oct. 1911, on Río Toche, which see; von Sneidern, 16-17 Mar., 3-4, 6-7, 9, 11-12, 15, 17-19, 22, 25-30 Apr., 1-2, 4-6, 10-11, 13-30 May 1942 (ANSP; UMMZ); also see El Pie de San Juan.

TOCHE, RÍO; Tolima 0426/7522 (USBGN)
In Río Magdalena drainage [1106/7451 (USBGN)] but rises in heart of Central Andes on SSW slope of Nevado del Tolima [0440/7519 (USBGN)] and flows S to Río Bermellón [0425/7523 (USBGN)], entering 15 km W of Ibagué [0427/7514 (USBGN)] (MHA); Allen and Miller at 6,800 ft [2,100 m] at El Pie de San Juan [not located, but probably near mouth], where no forest, but two trips were made up river where forest was heavy, 23-27 Oct. 1911 (Chapman, 1917:35, 653); Barros, 23 Oct. 1911 (WVZ); also see El Pie de San Juan.

TOCHECITO, RÍO; Tolima 0432/7525 (USBGN)
Not named on our maps, but must be a tributary of Río Toche [0426/7522 (USBGN)] on southern slope of Nevado del Tolima [0440/7519 (USBGN)] with its mouth at the town of Toche [0432/7525 (USBGN)]; Fuertes, 19 May 1911 (CU)

TOCOTÁ; Valle del Cauca 0331/7639 (USBGN)
ca. 1,500 m (MHA); settlement on western slope of central Western Andes, 12 km NW of Cali [0327/7631 (USBGN)], on road to Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); just below pass of Las Cruces [ca. 0330/7640] and above [?] La Tigra [not located], collections from this slope generally erroneously labeled as "San Antonio" [0330/7638 (USBGN)], which see (de Schauensee, 1950a, errata et corrigenda:[3]); Palmer, 23 Nov.-7, Dec. 1907 (MCZ).

TOLEDO; Norte de Santander 0719/7228 (USBGN)
1,634 m, on eastern slope of northern Eastern Andes at headwaters of Río Margua [0703/7205 (USBGN)], 20 km SE of Pamplona [0723/7239 (USBGN)] (MHA); Carriker, 22 Aug. 1943 (USNM).

TOLIMA (Serna, 1980:6); see Tolima, Departamento del.

TOLIMA, DEPARTAMENTO DEL 0345/7515 (USBGN)
Central Colombia in upper middle Magdalena Valley including eastern slope of Central Andes and a small portion of western slope of Eastern Andes; bounded by Caldas on N, Cundinamarca on E, Huila on SE and S, Valle del Cauca and Quindío on W, and Risaralda on NW; valley dry but humidity increasing on slopes; principal cities are Ibagué [0427/7514 (USBGN)] and Chaparral [0343/7528 (USBGN)]; Isaza, where ?, 12 Apr. 1969 (Serna, 1980:6. as "Tolima"); Marinkelle, where ?, 10 Nov. 1967 (UMMZ, as "Tolima").

TOLIMA, LLANOS DEL; Tolima
River plain in upper Río Magdalena Valley extending from western bank of river to base of Central Andes from roughly 04°30'N north to Honda [0512/7445 (USBGN)]; Detwiler [= Detwiler], ca. 1889, on "Río Totare [0437/7449 (USBGN)], Plain of Tolima" and, 27 May 1889, "Plain of Tolima" (Stone, 1899:303, 312); de Schauensee, 1952a:1138, places Detwiler near Venadillo [0443/7455 (USBGN)]; Herrera and Olivares, Feb. 1946, exact location unknown (FMNH).

TOLIMA, NEVADA DE (Chapman, 1917:650); see Tolima, Nevado del.

TOLIMA, NEVADA DEL (Stone, 1899:302); see Tolima, Nevado del.

TOLIMA, NEVADO DEL; Tolima 0440/7519 (USBGN)
5,215 m, most southern of cluster of four snow-capped peaks in Central Andes, short distance N of Ibagué [0427/7514 (USBGN)] (MHA); Goudot, 1829 (Palmer, 1918:241, as "Pyramid of Tolima"); Detwiler [= Detwiler], 27 May 1889, on "Nevada del Tolima, 20 miles [32 km] west of Ibagué" (Stone, 1899:302), but actually only in foothills according to de Schauensee (1948a:337); Carriker, at Hacienda Jaramillo [not located] (which see), 18 Sept. 1918, on western slope (Carriker, 1955:51), but de Schauensee, 1948a:326, 337, places ranch just below Páramo del Ruiz on eastern slope of Nevado del Ruiz [0454/7518 (USBGN)]; Miller and Allen, 23-27 Oct-1911, on Río Toche [0426/7522 (USBGN)] (which see), which rises on SSW slope; von Sneider, at 12,000 ft [3,650 m], 5, 10 May 1942 (von Sneider, 1954:11; de Schauensee, 1944a:3; UMMZ; ANSP); collector ?,

nearby, date ? (Borrero, 1958:138); Chapman, 1917:650, as "Nevada de Tolima."

TOLIMA, PLAIN OF (Stone, 1899:303); see Tolima, Llanos del.

TOLIMA, PYRAMID OF (Palmer, 1918:241); see Tolima, Nevado del.

TOLO, RÍO; Chocó 0830/7716 (USBGN)
Rises on eastern side of Serranía del Darién [0830/7730 (USBGN)] and flows NE and then N to empty into Golfo de Urabá [0825/7653 (USBGN)] near Acandí [0832/7714 (USBGN)], near Panama border, extreme northern Chocó (Atlas, 1977); Haffer, March 1959 (Haffer, 1959:16; 1975:76).

TOLOVÁ, QUEBRADA; Córdoba 0753/7112 (USBGN)
Not on our maps; 10 km S of Quebrada Charrura [0800/7549 (USBGN)], which is an affluent of upper Río San Jorge [0907/7444 (USBGN)], ca. 80 km S of Montería [0846/7553 (USBGN)]; Haffer ?, probably 1963 (Haffer & Borrero, 1965:36).

TOLO VIEJO (UMMZ); see Tolúviejo

TOLÚ; Sucre 0931/7535 (USBGN)
Sea level, on eastern coast on Golfo de Morrosquillo [0935/7540 (USBGN)] (MHA); Serna and Vanegas, 20 July 1967, Serna and Palacio, 5 Jan. 1968 (Serna, 1980:37, 42).

TOLÚVIEJO; Sucre 0927/7526 (USBGN)
ca. 100 m, in central northern Sucre, 18 km SE of Tolú [0931/7535 (USBGN)] and 18 km NNW of Sincelejo [0918/7524 (USBGN)] (Atlas, 1977); Marinkelle, 10 June 1963 (LACMNH), 3 June 1965 (UMMZ, as "Tolo Viejo"); latter date is possibly an error as Marinkelle is also cited at Fusagasugá [0421/7422 (USBGN)], Cundinamarca on this date.

TOMARRAZÓN; La Guajira 1108/7256 (USBGN)
240 m, on lower northeastern foothills of Sierra Nevada de Santa Marta [1050/7340 (USBGN)], 46 km S of Riohacha [1133/7256 (USBGN)] and 28 km NNW of Fonseca [1054/7251 (USBGN)] (MHA); Carriker, 1920 (Todd & Carriker, 1922:129, 578, as "Treinta"), but not certain that he collected here.

TOMO, RÍO; Vichada 0520/6748 (USBGN)
Tributary to left bank of Río Orinoco [0837/6215 (USBGN)], 97 km SSW

of Puerto Carreño [0612/6722 (USBGN)], on Venezuelan border (MHA); collector ?, presumably at mouth, 21 Mar. 1967 (Olivares, 1974a:71); Lamar, where ?, 8 Mar. 1978 (Lamar, 1983).

TONA; Santander 0712/7259 (USBGN)
1,909 m, in northeastern Santander, on western slope of Andes, 20 km ENE of Bucaramanga [0708/7309 (USBGN)] (MHA); Carriker, at 1,500-2,000 m, 3, 5 Dec. 1963 (WVZ; LACMNH; MVZ).

TOPACIO, EL; see El Topacio.

TOQUILLA, PÁRAMO DE; Boyacá ca. 0537/7250
3,200-3,700 m, E of Laguna de Tota [0533/7255 (USBGN)] on eastern slope of central Eastern Andes, N of and near Páramo del Pedrisco [0535/7250 (USBGN)], crossed by road from Sogamoso [0543/7256 (USBGN)] to lowlands (de Schauensee, 1952a:1138; Borrero, 1952b:2); Atlas, 1977, shows road crossing páramo just N of Soriano [ca. 0535/7249 (Atlas, 1977)]; town of Toquilla is given by USBGN as at 0534/7250, but IGAC [Boyacá] and Atlas, 1977 indicate it is ca. 6 km S of Soriano at ca. 0532/7250; Soriano is not cited in USBGN and possibly Torquilla was confused with the former; Borrero and Lumsden, 6 Feb. 1950 (Borrero, 1952b:g).

TORCA; Cundinamarca ca. 0453/7405
2,600 m, on Sabana de Bogotá, 26 km N of Bogotá [0436/7405 (USBGN)] (de Schauensee, 1952a:1138); collector ?, 1 Dec. 1942 (UNC); Borrero, date ? (Borrero, 1952a:9); collector ?, date ? (Borrero & Hernández, 1958:288); collector ?, 1 Feb. year ? (de Schauensee, 1949:395); Borrero and Bernal, 12, 21, 23-24 Sept. 1959 (UMMZ; LACMNH; ANSP).

TORO, BOCA DE; see Boca de Toro.

TORRECILLO; Bolívar ca. 1020/7525
Alt. ?, near Turbaco [1020/7525 (USBGN)], E of Cartagena [1025/7532 (USBGN)], Carriker, Jan. 1916 (Carriker, 1955a:60).

TORRE DE TOKIO; Valle del Cauca Not located
1,500+ m, in Western Andes, W of city of Cali [0327/7631 (USBGN)], collector ?, date ? (Cantillo, 1983:72); possibly associated with town called Tokio in municipio Dagua [0335/7640 (USBGN)] (Dicc. Geog.).

TORRES, SABANA DE; see Sabana de Torres.

- TORTUGAS; Valle del Cauca** ca. 0327/7631
Alt. ?; site of colony of *Ardeola ibis* near Cali's [0327/7631 (USBGN)] old airport on Hacienda Gómez Mesa [ca. 0327/7631] in upper Cauca Valley, Borrero, date ? (Borrero, 1970b:699, 720; 1972b:388; MHA).
- TOTA, LAGO (Hilty & Brown, 1986:287); see Tota, Laguna de.**
- TOTA, LAGUNA DE; Boyacá** 0533/7255 (USBGN)
3,015 m, large lake on eastern side of central Eastern Andes, 54 km E of Tunja [0531/7322 (USBGN)] and 15 km S of Sogamoso [0543/7256 (USBGN)] (MHA); collector ? [Olivares ?], 3 Feb. 1939, 28, 30-31 Aug. 1945, 9 Jan. 1948 (Olivares, 1959a:388); Borrero, 27-31 Aug. 1945 (Borrero, 1947:495; Wetmore & Borrero, 1946:68), 9 Jan. 1948 (Fjeldså, 1993:223), 16 Aug. 1949 (MVZ); Borrero and Lumsden, 3, 5 Feb. 1950 (Borrero, 1952b:1, 4, 9); von Sneidern, 15, 20 Mar. 1950 (Blake, 1959:4); Olivares ?, late Dec. 1955 (Olivares, 1959a:390); collector ?, 2 Apr. 1961, Stiefken, Jan. 1964 (Fjeldså, 1993:223); collector ?, Oct. 1963, 8 Dec. 1964 (Olivares, 1967:44, 45); Hernández, 1972 (Fjeldså, 1993:224); Ridgely, 15 Feb. 1977 (Hilty & Brown, 1986:287, as "Lago Tota"); Fjeldså, 14-28 Sept. 1981 (Fjeldså, 1986, 1993); Varty, et al., July-Aug. 1982 (Adams & Slavid, 1984; Varty, et al., 1986).
- TOTARE, RÍO; Tolima** 0437/7449 (USBGN)
Small affluent of upper Río Magdalena [1106/7451 (USBGN)], originating in valley between Nevado del Tolima [0440/7519 (USBGN)] and Nevado del Ruiz [0454/7518 (USBGN)], and flowing E across an extensive plain known as "Llanos de Tolima" (MHA); Detwiler [= Detwiler], ca. 1888, on "Río Totare, Plain of Tolima" (Stone, 1899:12), which de Schauensee, 1952a:1138, places near Venadillo [0443/7455 (USBGN)].
- TOTORÓ; Cauca** 0230/7624 (USBGN)
2,570 m, on western slope of southern Central Andes, 22 km NE of Popayán [0227/7636 (USBGN)]; Irigurri, at 2,000 m, 3 Aug. 1948 (Lehmann & Haffer, 1960:250); Carriker, Dec. 1955 (FMNH); Wallace, 7 Apr. 1956 (Wallace, 1965:5); Carriker, 27-28 Aug. 1960 (WFVZ), 21 July 1961 (LACMNH).
- TRAPECIO AMAZÓNICO; Amazonas** ca. 0350S/7000
Area of Amazonas between Peru and Brazil and bordered by Río Putumayo [0307S/6758 (USBGN)] on the N and the Amazon to the S; Leticia [0409S/6957 (USBGN)], Zaragoza [ca. 0410S/7000], Isla Loreto [0351S/7015 (USBGN)], Río Loreto-yacú [0349S/7023 (USBGN)], Puerto

Nariño [ca. 0349S/7026 (USBGN)], and Puerto Mogue [0343S/7017 (Morales, 1979:3)] are some ornithological sites in the region.

TREINTA (Todd & Carriker, 1922:129); see Tomarrazón.

TRES BOCAS; Norte de Santander 0837/7239 (USBGN)
ca. 100 m, at confluence of Río Sardinata [0837/7239 (USBGN)], Río Tibú [0839/7242 (USBGN)], and Río Presidente [0836/7239 (USBGN)] on Venezuelan border, 80 km NNW of Cúcuta [0754/7231 (USBGN)] (IGAC [N. de Santander]); collector ?, date ? (Nicéforo & Olivares, 1964:12).

TRES CHORROS; Cauca ca. 0221/7623
Alt. ?; on Río San Francisco [0206/7650 (USBGN) ?], Volcán Puracé [0221/7623 (USBGN)], deep canyon, large rocks, Lehmann, 1943-44 (Lehmann, 1945:119); neither Tres Chorros nor Río San Francisco appear on our maps; if the above Río San Francisco is the correct one, the site is on the western slope of the Central Andes.

TRES ESQUINAS; Caquetá 0043/7516 (USBGN)
180-200 m (Dugand & Borrero, 1948:115); airforce base on left side at mouth of Río Ortegua [0043/7513 (USBGN)] a tributary on the northern bank of the upper Río Caquetá [0308S/6446 (USBGN)], 116 km SSE of Florencia [0136/7536 (USBGN)], heavy forest, second-growth around airfield (MHA; Dugand & Borrero, 1948:117-118); Borrero and Cortés, 10 Aug.-18 Sept. 1947 (Dugand & Borrero, 1948:115ff), with known dates of 13-14 Aug. (MVZ; ANSP); collector ?, 1 Oct. 1947 (Borrero & Cruz, 1983:55); Willis, 10-22 Apr. 1962 (Willis, 1966, *Living Bird*, 5:188; 1988:138); Olivares, nearby, July 1962 (Nicéforo & Olivares, 1964:12); Hernández and Barriga, 23 Nov. 1964 (Olivares, 1967:42); collector ? [Marinkelle ?], 20 Aug., 13 Sept. 1967, 22-29 May 1968, 8, 19 Apr., May, 3 July, 27 Oct. 1970, Marinkelle, 18-19 Apr. 1969, 7 Apr. 1970 (WFVZ); Marinkelle, 18, 20, 22-14 Apr., 22-25, 27-28 May 1968 (UMMZ; LACMNH).

TRES TETAS, CERRO DE LA (Dugand, 1948a:184); see Las Tetas.

TRES TETAS, LAS (de Schauensee, 1948a:337); see Las Tetas.

TRES TRONCOS; Caquetá 0008/7441 (Herskovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, p. 926)
150 m, on left bank of Río Caquetá [0308S/6446 (USBGN)], 60 km NW of junction of Río Caguan [0008S/7418 (USBGN)] with the Caquetá (Atlas, 1977); Herskovitz, Feb. 1952 (FMNH).

TRIANÓN, HACIENDA EL; see Hacienda El Trianón.

TRIBUNA, LA (Olivares, 1969b:380); see La Tribuna, Estación.

TRINIDAD; Arauca Not located
Borrero, Mar. 1956 (Borrero, 1960a:487); in llanos, possibly near Puerto Rondón [0617/7106 (USBGN)], where Borrero also was in Mar. 1956..

TRINIDAD; Boyacá (MHA); see Trinidad, Casanare.

TRINIDAD; Casanare 0525/7140 (USBGN)
ca. 100 m, in central Casanare, on left bank of Río Pauto [0509/7055 (USBGN)] (MHA. as "Trinidad, Boyacá"; Atlas, 1977); Arvey, 30 Apr., 1-9, 11 May 1960 (LACMNH, as "Trinidad, Boyacá").

TRIUNFO, EL; see El Triunfo.

TRIUNFO, HACIENDA EL; see Hacienda El Triunfo.

TRIUNFO, PUERTO; see Puerto Triunfo.

TROJAS DE CATACA (Todd & Carriker, 1922:129); see Bocas de Aracataca.

TROPEZÓN, EL; see El Tropezón.

TRUANDÓ, RÍO; Chocó 0726/7707 (USBGN)
Rises at northeastern base of Serranía de Baudó [0600/7705 (USBGN)] and flows NE to join lower Río Atrato [0817/7658 (USBGN)] (MHA); Schott, Wood, and Wood, Jan. 1858, on river, Jan.-Mar. 1858, including sites of Camp Toucey, Camp Floyd, and Camp Abert, which see (Cassin, 1860:132ff; Cassin, 1861:219ff); Schott (in Cassin, op. cit., p. 232) indicates the party was not on the Truando as late as March, having returned to Golfo de Urabá [0825/7653 (USBGN)] on 26 Feb.; Richmond, 1898:327, as Camp "Albert"; Ichler expedition, 1865 (ANSP); collector ?, at San José [not located], date ? (Nicéforo, 1947:343); Haffer, at forested eastern base of Sierra de los Saltos [0710/7730 (USBGN)], 11-15 Mar. 1964 (Haffer, 1975:76, as "Serranía de los Saltos").

TUBARÁ; Atlántico 1053/7459 (USBGN)
285 m, on dry, rocky hill, 25 km SW of Barranquilla [1059/7448 (USBGN)] (MHA; Dugand, 1947c:546); Dugand, Jan. 1946 (Dugand, 1947c:566).

TUCACAS (MHA); see Puerto López, La Guajira.

TUCACAS, LAGUNA DE (Wetmore, 1946a:52); see Tukakas, Bahía.

TUCUCHIRA, QUEBRADA; Amazonas ca. 0400S/7000

An affluent of the Amazon in municipio Leticia (Dicc. Geog.); in vicinity of Isla de Santa Sofía [ca. 0400S/7013 (Atlas, 1977)], ca 20 mi [32 km] NW of Leticia [0409S/6957 (USBGN)], Remsen, 1974-1975, with known dates of 4, 8, 14-17, 22, 24 June, 30-31 July, 20-21 Aug. 1975, Hilty, et al., Aug. 1979 (MVZ; Hilty & Brown, 1986:222, 236).

TUCURÁ; Córdoba 0757/7617 (USBGN)

96 m, at base of northern foothills of Western Andes on upper Río Sinú [0924/7549 (USBGN)], 53 km SE of Turbo [0806/7643 (USBGN)] (MHA); tall luxuriant forest in 1962 but destroyed by 1965, Willis, 16-18 June 1962 (Willis, 1967, Univ. California Publ. Zool., 79:118; 1988:138).

TUCURINCA; Magdalena 1039/7410 (USBGN)

40 m, in lowlands immediately W of western foothills of Sierra Nevada de Santa Marta 1050/7340 (USBGN)], 13 km N of Fundación [1031/7411 (USBGN)] and 65 km S of Santa Marta [1115/7413 (USBGN)] (MHA); lowland forest and cultivation, Carriker, 15-18, 20-24 Sept. 1915 (Todd & Carriker, 1922:129; CM); Darlington, intermittently, June 1928-Apr. 1929 (Darlington, 1931:349ff).

TUCUY; Norte de Santander Not located

On Río Zulia [0904/7218 (USBGN)], which places the locality N of Cúcuta [0754/7231 (USBGN)] on eastern side of northern Eastern Andes, collector ?, date ? (Nicéforo & Olivares, 1968:273).

TUKAKAS, BAHÍA; La Guajira 1155/7119 (USBGN)

Bay with narrow outlet to sea on eastern side at tip of Península de la Guajira [1200/7130 (USBGN)], with village of Puerto López [1155/7117 (USBGN), *olim* Tucacas] at mouth (MHA, as "Laguna de Tucacas" and "Tucacas"); Wetmore and Carriker in bay at Puerto López, 23 Apr. 1941 (Wetmore, 1941:203; 1946a:52, as "Laguna de Tucacas").

TULAPA, RÍO (Haffer, 1959:5); see Tulupa, Quebrada.

TULUÁ; Valle del Cauca 0406/7611 (USBGN)

974 m, between western base of Central Andes and upper Río Cauca [0854/7428 (USBGN)], 80 km NE of Cali [0327/7631 (USBGN)] (MHA);

Lehmann, nearby, Apr. 1958 (Lehmann, 1959b:265); Borrero, 1965 (Borrero, 1970:702, 720, as "Tuluá").

TULÚA (Borrero, 1970:702); see Tuluá.

TULUNÍ, CUEVA DE; Tolima ca. 0335/7528
Alt. ?; on eastern slope of Central Andes S of Chaparral [0343/7528 (USBGN)], breeding site of *Steatornis caripensis*, collector ?, date ? (Dugand, 1948a:186); Pearson, 28 July 1950 (MVZ); probably along Quebrada Tuluní [0339/7527 (USBGN)].

TULUPA, QUEBRADA; Antioquia 0823/7637 (USBGN)
Affluent of upper Río Mulatos [0839/7644 (USBGN)] rising on eastern side and southern end of Serranía del Aquila [0823/7640 (USBGN)] in extreme northern Antioquia (MHA); hilly, semi-evergreen forest with a few clearings [1959], Haffer, Jan. 1959 (Haffer, 1959:16; 1975:76, both as "Río Tulapa").

TUMACO; Nariño 0149/7846 (USBGN)
Sea level, on Isla de Tumaco [0148/7847 (USBGN)], close to mainland on southern side of Rada de Tumaco [0150/7836 (USBGN)], near Ecuador border (MHA); Richardson, 26 [?], 28-30 July [1 Aug. ?] 1912 (Chapman, 1917:49, 656; CM); Hilty, nearby, 1979 (Hilty & Brown, 1986:206); Negret, early Nov. 1995 (Negret, 1997a:49).

TUMARADÓ, CIÉNAGAS DE; Chocó 0745/7659 (USBGN)
Sea level, series of large lakes S of Golfo de Urabá [0825/7653 (USBGN)], 10 km E of Río Atrato [0817/7658 (USBGN)] (MHA); Brit. Trans.-Amer. Exped., Mar. 1972 (Burton, 1973:117; 1975:84).

TUNJA; Boyacá 0531/7322 (USBGN)
2,826 m, 130 km NE of Bogotá [0436/7405 (USBGN)] in north-central Eastern Andes, about in center of mountains but on eastern drainage (MHA); collector ?, date ? (Sclater, 1857:17; Borrero, 1970:702); Nicéforo, 8 Oct. 1939 (ANSP); Olivares, 14 Oct. 1957 (Olivares, 1959a:36); collector ?, 3 Apr. 1963 (Nicéforo & Olivares, 1975:7); Gabriel, 12 Dec. 1963 (Iafrancesco, et al., 1987:138); Nicéforo, 6 Nov. 1966 (Serna, 1980:58); A. H. Miller, 9 km NNW, at 10,000 ft [3,050 m], 19 Jan. 1946 (MVZ).

TUNJUELITO; Cundinamarca 0434/7408 (USBGN)
ca. 2,600 m, on Sabana de Bogotá, on southern outskirts of Bogotá

[0436/7405 (USBGN)] (Atlas, 1977); Nicéforo, Oct. 1944 (Serna, 1980:49, as "Tunjuelo"); collector ?, date ? (Olivares, 1969b: 275, as "Tunjuelo").

TUNJUELO (Olivares, 1969b:275); see Tunjuelito.

TUNJUELO, RÍO; Cundinamarca 0438/7414 (USBGN)
Rises in mountains S of Sabana de Bogotá and flows N to join Río Bogotá [0418/7448 (USBGN)] on western outskirts of Bogotá [0436/7405 (USBGN)] (MHA); Nicéforo, near river, S of Bogotá, 10 July 1939 (Nicéforo, 1947:356).

TUPARRO, EL; see El Tuparro.

TÚQUERRES; Nariño 0105/7737 (USBGN)
3,100 m (de Schauensee, 1948a:358); in center of Andes 40 km SW of Pasto [0113/7717 (USBGN)] and 29 km N of Ipiales [0050/7737 (USBGN)] (MHA); Carriker, 40 km W at ca. 3,000 m, 7 July 1959 (Carriker, 1959a: 196); collector ?, 30 Dec. 1961 (Nicéforo & Olivares, 1964:21).

TUQUINA, LAGO DE; Boyacá Not located
Alt.?.; collector ?, date ? (Olson, 1983a:106); not found on available maps.

TURBACO; Bolívar 1020/7525 (USBGN)
200 m, Caribbean coastal plain, 15 km SE of Cartagena [1025/7532 (USBGN)] (MHA); arid, Kerr, date ? (Chapman, 1917:656); Carriker, 8-11, 13-16, 22 Jan. 1916, 25 Aug. 1942 (CM; Todd, 1917:3-5; Carriker, 1955:52, 60; USNM; ANSP); collector ?, between Turbaco and Cartagena, and between Turbaco and Arjona [1015/7521 (USBGN)], dates ? (Borrero, 1972b:398); see, also, Torrecillo.

TURBO; Antioquia 0806/7643 (USBGN)
Sea level, on eastern side of Golfo de Urabá [0825/7653 (USBGN)], opposite delta of Río Atrato [0817/7658 (USBGN)] (MHA); surrounded by extensive clearings and plantations (Haffer, 1975:77); Schott, Wood, and Wood, Apr. [= Mar.] 1858 (Cassin, 1860:132ff; Cassin, 1861:219ff); Schott (in Cassin, op. cit., pp. 241, 242) points out that the expedition had left the region by 1 Apr., therefore the month must be March; Carriker, 13, 15 Jan. 1916 (Todd, 1928, Ann. Carnegie Mus., 18:352); collector ?, 3 Oct. 1934 (Dugand, 1947a:394); Haffer, Jan.-Mar., 1958, 1959 (Haffer, 1959:21; 1975:77); Borrero, 26 Apr. year ? (Borrero, 1955:2); collector ?, date ? (Borrero, 1972b:399); Willis, 10-11 Mar. 1965 (Willis, 1988:139); collector ?, 3, 15 July 1964 (Serna, 1980:43, 81); Elias and Valencia, date ? (Elias & Valencia, 1982); Pearman, 13 Oct. 1990 (Pearman, 1993:72).

TURUBIDÁ, RÍO (Olivares, 1957b:80); see Jurubidá, Río.

TUTA; Boyacá 0542/7314 (USBGN)
2,603 m, in central highlands of northern Eastern Andes on western watershed, 24 km NE of Tunja [0531/7322 (USBGN)] and 26 km SW of Duitama [0550/7302 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1966:373).

TYRONA (Phelps, 1972:35); see Tayrona, Parque Nacional Natural.

UAPÉS, RÍO (Bond & de Schauensee, 1940:158); see Vaupés, Río.

UAUPÉS, RÍO (MHA); see Vaupés, Río.

UBAQUE, LAGUNA DE; Cundinamarca ca. 0429/7356
Not on our maps, but from description (Olivares, 1967:44) it is evident that the lake is by town of Ubaque [0429/7356 (USBGN)] which is on eastern slope of central Eastern Andes, on Río Blanco [0430/7354 (USBGN)], 5 km S of Choachí [0432/7356 (USBGN)] and 5 km W of Fómeque [0429/7354 (USBGN)] (MHA); collector ?, date ? (Olivares, 1967:44).

UBATÉ; Cundinamarca 0519/7349 (USBGN)
2,600 m, in central Eastern Andes, 15 km SSW of Laguna de Fúquene [0528/7345 (USBGN)] and 88 km NE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:99).

UCUMARÍ; Risaralda Not located
Regional park, within watershed of Río Otún [0454/7549 (USBGN)], N of Salento [0438/7534 (USBGN)], Kattan ?, at 2,300 m, May 1994 (Kattan, 1995).

UITPA; La Guajira ca. 1155/7128
ca. 250 m, at southeastern base of Serranía de Jarara [1208/7132

(USBGN)], on Península de la Guajira [1200/7130 (USBGN)] (MHA); very arid, Haffer, July 1960 (Haffer, 1961b:374ff).

UMANGI (de Schauensee, 1952a:1138); see Yurumanguí, Río.

UMBO, EL; see El Umbo.

UMBRÍA (von Sneider, 1954:7); see Puerto Umbría.

UMBRÍA, PUERTO; see Puerto Umbría.

UNE; Cundinamarca 0424/7402 (USBGN)
ca. 2,000 m, on eastern slope of central Eastern Andes, at headwaters of Río Cáqueza [0424/7355 (USBGN)], 23 km S of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, 22 Feb. 1966, 22 Feb., 9-16 Mar., 26 July, 24 Aug., 7 Sept. 1967 (Olivares, 1974a:81ff).

UNGIA (MHA); see Unguía.

UNGUÍ (Hilty & Brown, 1986:ix); see Unguía.

UNGUÍA; Chocó 0801/7704 (USBGN)
Sea level, in lowlands close to Golfo de Urabá [0825/7653 (USBGN)] 15 km W of Río Atrato [0817/7658 (USBGN)] and 19 km SE of Cerro Tacarcuna [0805/7717 (USBGN)] on Panama border (MHA, as "Ungia"); old fields, tall forest, Carriker, 20-25, 27-28 Feb., 1-4, 6-18, 21-23 Mar. 1950 (USNM); Hershkovitz, Mar. 1950 (FMNH; Hershkovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 925); Haffer, in forested hills W of Unguía, 23, 25 Feb., Mar. 1959 (Haffer, 1975:77; 1959:5ff, p. 12, as "Uungia"); Haffer and Beattie, 28 Feb. 1959 (MVZ); collector ?, date ? (Borrero, 1972b:399); Hilty & Brown, 1986:ix, as "Unguí".

UNINAMÁ, LAGUNA DE (Niséforo & Olivares, 1964:17); see Uninaná, Laguna.

UNINANÁ (de Schauensee, 1952a:1139); see Uninaná, Laguna.

UNINANÁ, LAGUNA; Vaupés ca. 0008/7110 (Dugand, 1952:2)
ca. 100 m (Atlas, 1977); lake, also known as Laguna Inaná, on left side of Río Apaporis [0123S/6925 (USBGN)], between mouth of Río Pacoa [ca. 0007/7113 (Dugand, 1952:2)] and Soratama [ca. 0007/7105], Medem, early 1952 (Dugand, 1952:1-2); Niséforo & Olivares, 1964:15, 17, as "Laguna

de Ununama" and "Laguna de Uninamá"; de Schauensee, 1952a:1139, as "Uninaná."

UNIÓN, LA; see La Unión.

UNIVERSITARIA, CIUDAD; see Ciudad Universitaria.

UNUNAMA, LAGUNA DE (Nicéforo & Olivares, 1964:T5); see Uninaná, Laguna.

UPÍA, RÍO; Boyocá/Casanare/Meta 0418/7245 (USBGN)
Rises at Laguna de Tota [0533/7255 (USBGN)] in Eastern Andes and flows S and SE to empty into Río Meta [0612/6728 (USBGN)], 153 km ESE of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, date ? (Hilty & Brown, 1986:ix); collector ?, 22 Jan. 1971 (WFVZ, as "Barranca de Upía, llanos de Casanare, Boyacá" and "llanos de Casanare, Boyacá").

URABÁ; Antioquia ca. 0700/7530
In municipio Yarumal [0700/7530 (USBGN)] on eastern slope near northern end of the Central Andes (Dicc. Geog.); collector ?, date ? (Borrero, 1972b:399).

URARACAPURI, RAUDAL (MHA); see Santa Cruz de Waracapurí.

URIBE; Cauca 0232[?]/7650 (USBGN)
ca. 2,500 m, at crest of southern Western Andes, 15 km NE of Cerro Munchique [0232/7657 (USBGN)] (MHA); note that USBGN coordinates indicate that Uribe is due E of Cerro Munchique; MHA and Atlas 1977 show it to be NE at ca. 0234/7650; Carriker, "above Uribe" at 2,200 m, 9, 14, 17, 21-25 Sept. 1958, 15, 20 June, 22 Sept. 1959 (WFVZ; LACMNH); Pazos, 20 Mar. (MVZ), 18 May 1973 (MCZ); not to be confused with Uribe [Murillo, 0416/7607 (USBGN)], Valle del Cauca.

URIBE; Valle del Cauca (Mapa, Valle, 1973); see Murillo.

URIBIA; La Guajira 1143/7216 (USBGN)
ca. 100 m, at base of Península de la Guajira [1200/7130 (USBGN)], 75 km NE of Ríohacha [1133/7255 (USBGN)] and 16 km in from Caribbean coast (Atlas, 1977); Carriker, 1941 (USNM); arid, Haffer, in vicinity, July 1960 (1961b:374ff); Serna, Nov. 1980 (Serna, 1984:23).

URRAO; Antioquia 0620/7611 (USBGN)
1,876 m, on western slope of north-central Western Andes on upper Río

Penderisco [0636/7624 (USBGN)], 15 km SW of Páramo Frontino [0628/7604 (USBGN)] (MHA); Carriker, pastures, cafetales, 8-11 Aug. 1951 (USNM); Serna and Congote, 26 Apr. 1979, collector ?, 8 June 1966, 28 Mar., 15 May, 7, 18, 20, 25-28 June 1972 (Serna, 1980:31, 35, 45, 60-61, 68, 73, 83, 94); also see Las Orquídeas, Parque Nacional Natural.

URUBAMBA; Cauca 0223/7643 (USBGN)
1,700 m, on eastern slope of southern Western Andes, 10 km SW of Popayán [0226/7636 (USBGN)], von Sneidern, 19 Nov. (CM), Dec. 1954 (von Sneidern, 1955:42); not on our maps.

USAQUÉN; Cundinamarca 0442/7402 (USBGN)
2,590 m, a northeastern suburb of Bogotá [0436/7405 (USBGN)] (MHA); Callamand and Ortiz, 16 Jan., and Baptiste, 18 Jan. 1916 (Apolinar, 1916:47-48); collector ? [Nicéforo ?], Mar., June, Oct. 1943, 22 May 1944 (Iafrancesco, et al., 1986:47, 63; 1988:117); Nicéforo, 18 Apr. 1944 (Serna, 1980:72); collector ?, 18 Apr. (Nicéforo, 1947:369), 20 Oct. 1945 (Iafrancesco, et al., 1988:117); Nicéforo, 9 Mar. 1943, 12 Oct. 1946 (ANSP); Marinkelle, 20 Nov. 1965 (LACMNH); Idinael, E of Usaquén, May 1943 (Nicéforo, 1945:375); Nicéforo, at La Floresta [not located], 5 Aug. 1948, collector ?, at La Floresta, 12 Jan., 23 Oct. 1969 (Serna, 1980:26, p. 71, as "Usaquén (La Floresta), Cundinamarca", p. 100, as "Bogotá (La Floresta) Antioquia"); Olivares, 16 Nov. 1952 (ANSP).

USIACURÍ, Atlántico 1045/7459 (USBGN)
ca. 100 m, on northern coastal plain, 34 km SW of Barranquilla [1059/7448 (USBGN)] and 8 km SW of Baranoa [1048/7455 (USBGN)] (MHA); broken terrain, Dugand, date ? (Dugand, 1947c:546, 572); Benjamín, 1 Nov. 1967 (Iafrancesco, et al., 1988:128).

USME; Cundinamarca 0428/7408 (USBGN)
ca. 2,500 m, at southern end of Sabana de Bogotá, 15 km SSW of Bogotá [0436/7405 (USBGN)] (MHA); collector ?, at 2,690 m, date ? (Dugand, 1948a:164).

USME, PÁRAMO DE; Cundinamarca Not located
3,000-3,200 m, on mountains SE of Usme [0428/7408 (USBGN)] at southern end of Bogotá plateau (Borrero, 1952b:2); ca. 18 km S of Bogotá [0436/7405 (USBGN)], on eastern side of ridge that overlooks Chipaque [0427/7403 (USBGN)] (de Schauensee, 1952a:1139); Chipaque is directly N of Usme, which makes Borrero's and de Schauensee's descriptions irreconcilable; Borrero and Lumsden, sometime between Jan.-Mar. 1950 (Borrero, 1952b:1, 9).

- USME, REPRESA; Cundinamarca Not located
 Presumably in vicinity of Usme [0428/7408 (USBGN)] at southern end of Sabana de Bogotá; Olivares and Bernal, 30 Nov. 1958 (Olivares, 1969b:121; ASNP).
- UTICA; Cundinamarca 0511/7429 (USBGN)
 503 m, on lower western slope of central Eastern Andes, 27 km E of Honda [0512/7445 (USBGN)] (MHA); collector ?, date ? (Niséforo & Olivares, 1964:23).
- UTRÍA, ENSENADA; Chocó 0600/7721 (USBGN)
 Large, open bay on Pacific coast of north-central Chocó (MHA); Ashcraft, 15 Feb. 1938 (LACMNH); collector ?, early Sept. 1955 (Olivares, 1973:126, as "Ensenada de Utría"); collector ?, date ? (Niséforo & Olivares, 1964:15); also see Ensenada de Utría, Parque Natural.
- UTRÍA, ENSENADA DE (Olivares, 1973:126); see Utría, Ensenada.
- UUNGUÍA (Haffer, 1959:5); see Unguía.
- UVA, RÍO; Chocó 0617/7703 (USBGN)
 Rises on eastern slope of central Serranía de Baudó [0600/7705 (USBGN)] and flows E to left bank of Río Bojaya [0635/7654 (USBGN)], an affluent of Río Atrato [0817/7658 (USBGN)] (MHA); Haffer, near Río Bojaya, densely forested, 7-12 Mar. 1965 (Haffer, 1975:76).
- UVITA, LA; see La Uvita.

VADO HONDO; Boyacá ca. 0530/7245 (Atlas, 1977)
2,800 m (Borrero, 1952a:7); on eastern slope of central Eastern Andes, 20 km ESE of Laguna de Tota [0533/7255 (USBGN)] in upper valley of Río Cusiana [0433/7151 (USBGN)] on road from Sogamoso [0543/7256 (USBGN)] to lowlands (Atlas, 1977); Lumsden, Jan. 1951 [Olivares, (1971:204) gives Borrero and Lumsden [sic], 1950] (Borrero, 1952a:7, as "Vadohondo"); de Schauensee, 1952a:1127, gives "Badohondo" and "Bahondo" as alternative spellings.

VADOHONDO (Borrero, 1952a:7); see Vado Hondo.

VADOS, LOS; see Los Vados.

VAHOS, LOS (Iafrancesco, et al., 1987:76); see Los Vados.

VALDIVIA; Antioquia 0711/7527 (USBGN)
1,200 m, on western slope of extreme northwestern Central Andes, above narrow lower Cauca Valley, 15 km S of Puerto Valdivia [0718/7523 (USBGN)] (MHA); forest destroyed near town, but below town it is [1914] tall, with less moss than highland forest (Chapman, 1917:62); Carriker, up to 1,450 m, 19-22, 24-29, 31 May, 1, 3, 9, 12, 14, 18-19 June 1948 (USNM); see, also, Ventanas; Hershkovitz, 4 km S of highway to Yarumal [0658/7524 (USBGN)], June 1950 (FMNH).

VALDIVIA, PUERTO; see Puerto Valdivia.

VALENCIA (Salvin & Godman, 1880:116); see Valencia de Jesús.

VALENCIA DE JESÚS; Cesar 1018/7324 (USBGN)
160 m, 25 km SW of Valledupar [1029/7315 (USBGN)] in Cesar Valley (MHA); Simons, 20-28 May 1879 (Salvin & Godman, 1880:116ff, as "Valencia"); Carriker, a few miles W, 6-8 Aug. 1920 (CM; Todd & Carriker, 1922:129).

VALLE; see Valle del Cauca.

VALLE DEL CAUCA, DEPARTAMENTO DEL 0345/7630 (USBGN)
Southwestern Colombia extending from Pacific across central Western Andes and upper Cauca Valley to western side of middle Central Andes, and ranging from very wet to dry to moderately humid conditions; bounded by Pacific on W, Chocó and Risaralda to N, Quindío and Tolima to E, and Cauca to S; principal cities are Buenaventura [0353/7704 (USBGN)] and Cali [0327/7631 (USBGN)]; often appearing in

ornithological literature as "Valle;" Naranjo and Rodríguez, where ?, 26-27 June 1981 (Naranjo & Rodríguez, 1981:216); Gambon, 8 mi [13 km] off coast, 3 Jan. 1983 (Hilty & Brown, 1986:170).

VALLE DE UPAR (Todd & Carriker, 1922:130); see Valledupar.

VALLEDUPAR; Cesar 1029/7315 (USBGN)
202 m, on Río Guatapurí [1027/7312 (USBGN)] at southeastern base of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); Joad, 1870 and Simons, 3-4 Feb. and 3, 6 Mar. 1878 (Salvin & Godman, 1879:200, 201, 205), 13 June 1878, 29 Apr., 15 May 1879 (Salvin & Godman, 1880:170, 171, 176); Carriker, Sept. 1962 (WVZ), 15 May 1963 (LACMNH); Carriker, 27 June 1964 (MVZ, as "Valledupar, Magdalena"); collector ?, between Arinagui [not located] and Valledupar, date ? (Borrero, 1970b:702); Serna, on highway to [from ?], 1967 (Serna, 1980:101); Todd & Carriker, 1922:130, as "Valle de Upar"; de Schauensee, 1952a:1139, cites a misspelling of "Villadupar."

VALLEDUPAR; Magdalena (MVC); see Valledupar, Cesar.

VALPARAÍSO (Allen, 1900a:125); see Cincinnati.

VARRUD; Magdalena Not located
Miller and Boyle, 5 Nov. 1914 (Chapman, 1917:58, 287, 656); between Calamar [1015/7455 (USBGN)] on Río Magdalena [1106/7451 (USBGN)] and Bocas de Chimí [0857/7401 (USBGN)] on Brazo de Loba [0920/7442 (USBGN)] where Miller and Boyle were on 3 June and 6 June, respectively; probably orthographic error for "Barbudo" or "Barbú" (Dugand, 1938:541; de Schauensee, 1948a: 339); there is a "Barbudo" or "Barbú" on the river at 0938/7446 (USBGN), now called San Antonio del Río (MHA, as "Barbú"), near Tacamocho [0929/7448 (USBGN)].

VAUPÉS, COMISARÍA DEL ca. 0100/7020
Until recently included western part, now split off as Guaviare; bounded on N by Guainía, on E by Brazil, on S by Amazonas and Caquetá, and on W and NW by Guaviare, whose border is approximately from mouth of Río Papunava [0209/7032 (USBGN)] along river to its headwaters and then S to Río Vaupés [0002/6716 (USBGN)] and then SSW to Río Apaporis [0123S/6925 (USBGN)]; sparsely inhabited lowlands whose major town is Mitú [0108/7003 (USBGN)]; collector or collectors ?, where ?, 1942 and 14 Nov. 1944 (Iafrancesco, et al., 1989:130)

VAUPÉS, RÍO 0002/6716 (USBGN)

Major river rising in east-central Guaviare (formerly Vaupés) and flowing E and SE, meeting Río Negro [0308/5955 (USBGN)] in northern Brazil (MHA); Olalla brothers on Colombian side of river opposite Tauá [ca. 0037/6906 (Vanzolini, per. comm.)], Brazil (de Schauensee, 1948a:316, as "Tauapunto"); Lehmann, at Mitú [0108/7003 (USBGN)], Sept.-Oct. 1939 (Lehmann, 1957:132, 154); Fernández, near Mitú, date ? (Borrero, 1955:11); Olivares, at Mitú and Santa Cruz de Waracapurí [ca. 0103/6955], ca. 10-15 Dec. 1953 (Olivares, 1955a:260ff); Gil, at Caño Cuduyarí [ca. 0108/7003], 7 June 1960 (Olivares & Hernández, 1961:425); Olivares, at Mitú, 11-12 Aug. 1960 (Olivares & Hernández, 1961:425); Borrero, at Mitú, 25 May 1961 (Olivares, 1965c:269); von Sneider, at 600 ft [180 m], date ? (Bond & de Schauensee, 1940:158, as "Río Uapés"); Ridgely, June 1976 (Hilty & Brown, 1986:208); formerly "Río Uaupés" (e.g. MHA).

VEGA, LA; see La Vega.

VEGAS, LAS; see Las Vegas.

VEINTE DE JULIO; Norte de Santander Not located

On western slope of northern Eastern Andes, 16 km by road [SW ?] from Cáchira [0744/7303 (USBGN)], Romero, 26 Sept. 1970, 19-21 Oct 1972 (Olivares & Romero, 1973:47ff).

VÉLEZ; Santander 0601/7341 (USBGN)

2,170 m, on western slope of middle Eastern Andes, 18 km NW of Moniquira [0552/7636 (USBGN)] and 16 km N of Puente Nacional [0553/7342 (USBGN)] (MHA); collector ?, date ? (Olivares, 1965a:262).

VENANCIO, POTRERO DE; La Guajira ca. 1111/7250 (MHA)

1,100 m (MHA); large savanna on top of a northeastern outlier of Sierra Nevada de Santa Marta [1050/7340 (USBGN)] (MHA); NE of Los Gorros [ca. 1103/7256], Carriker, 1, 3, 5 May 1945 (USNM, sometimes as "Potrero de Benancio").

VENECIA; Caquetá 0134/7531 (USBGN)

ca. 300 m, near eastern base of southern Eastern Andes on right bank of upper Río Orteguaza [0043/7516 (USBGN)], 11 km ESE of Florencia [0136/7536 (USBGN)] (MHA); Nicéforo, 25 Mar. 1951 (Serna, 1980:94); Carriker, 28-31 May, 2-7, 9-14, 16-18, 20-21, 23-29 June 1952 (USNM, as "Puerto Venecia"), 22, 25-26, 28 Nov. 1958 (FMNH, as "Venecia" and also

as "Puerto de Venecia"; LACMNH, as "Puerto Venecia"), Dec. 1958 (Lehmann, 1959b:269); Olson, 1973:404, as "Puerto Venecia."

VENECIA, PUERTO (Olson, 1973:404); see Venecia.

VENECIA, PUERTO DE (FMNH); see Venecia.

VENTA, LA; see La Venta.

VENTANAS; Antioquia 0705/7527 (IGAC [Antioquia])
ca. 2,000 m, on northwestern slope of northern Central Andes, 9 km S of Valdivia [0711/7527 (USBGN)], on road from Puerto Valdivia [0718/7523 (USBGN)] to Yarumal [0658/7524 (USBGN)] (IGAC [Antioquia]); Carriker, 2, 7, 10-11, 15-17 June 1948 (USNM); Hershkovitz, at 1,000 m, 18 June 1950 (Blake, 1955:12; Hershkovitz, 1977, *Living New World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago p. 926; FMNH); Gabriel and Benjamín, 10 Jan. 1963, Nicéforo, 5, 7 July 1966 (Iafrancesco, et al., 1985:61; 1986:64; 1987:85; 1988:118, as "Yarumal, Ventanas"); Isaza, 5, 7 July 1966, 5 June 1969, collector ? [Isaza ?], 5, 7 July 1966, 18, 28 Jan. 1967 (Serna, 1980:10, 45, 55, 72, 75, 79, 89); observer ?, Jan. 1994 (Betancur, 1994); see, also, Valdivia.

VENTANAS, LAS; see Las Ventanas.

VENTAQUEMADA; Boyacá 0522/7331 (USBGN)
2,682 m, in middle of central Eastern Andes, 27 km SW of Tunja [0531/7322 (USBGN)] (MHA); near Puente de Boyacá [0527/7328 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1968:284).

VENTUROSА, LA; see La Venturosa.

VERAGUA (Boucard, 1892:73); now in Panama.

VERDE, RÍO: Valle del Cauca ca. 0335/7655 (Mapa, Valle, 1973)
Tributary on right bank of Río Anchicayá [0346/7710 (USBGN)], on western slope of Western Andes near Buenaventura [0353/7704 (USBGN)] (Mapa, Valle, 1973); Hilty, at 880 m, 8, 12 Apr. 1972, and at 1,250 m, 29 Jan. 1975 (Hilty, 1977:45, 46, 48); see, also, Alto Yunda.

VERDE DEL SINÚ, RÍO; Antioquia/Córdoba 0751/7618 (USBGN)
Rises in Western Andes in northern Antioquia and flows N and NE, nearly parallel to the Antioquia/Córdoba boundary, to empty into the Río Sinú [0924/7549 (USBGN)] 55 km ESE of Turbo [0806/7643 (USBGN)] and 45

km SSW of Tierralta [0811/7604 (USBGN)] (Atlas, 1977, as "Río Verde"); Willis, short distance above mouth at Caño Remolina [not located] and Caño Jarupía [not located but presumably near Jarupía, ca. 0748/7620 (Atlas, 1979)], 12-13 Mar. 1965 (Willis, 1988:139, as "Río Verde"); Hilty, 23-24 June 1980 (Hilty & Brown, 1986:318, 456).

VEREDA (ANSP); see La Colorada, Meta.

VEREDA CHICAQUE (de Schauensee, 1952a:1202); see Chicaque.

VEREDA DE GUAMALES (Olivares & Romero, 1973:58); see Guamales.

VEREDA DE RANCHERÍA (Olivares, 1971:203); see Comijoque, Alto de.

VERJÓN, LAGUNA DEL; Cundinamarca ca. 0432/7404
3,475 m, small lake on Páramo del Verjón [ca. 0432/7404] on western side of Eastern Andes, SE of Bogotá [0436/7405 (USBGN)] (de Schauensee, 1948a:340); not shown on our maps; collector ?, date ? (Apolinar, 1915:16).

VERJÓN, PÁRAMO DEL; Cundinamarca ca. 0432/7404
3,400-3,600 m, SE of Bogotá [0436/7405 (USBGN)] on western side of Eastern Andes, with Páramo de Choací [0433/7358 (USBGN)] on opposite side of ridge (de Schauensee, 1948a:340); not shown on any maps available to us, but possibly = Páramo Cruz Verde [0434/7402 (USBGN)]; collector ?, Jan. 1932 (Niséforo, 1923:338, as "El Verjón"; 1945:386; Iafrancesco, et al., 1986:561, as "El Verjón").

VERSALLES; Cauca Not located
2,600 m, in Parque Nacional Natural Puracé [0211/7622 (WCMC)] below Volcán Puracé [0221/7623 (USBGN)], Silliman, date ? (Hilty & Brown, 1986:295).

VERSALLES, HACIENDA; see Hacienda Versalles.

VETAS; Santander 0720/7250 (USBGN)
ca. 3,000 m, on western slope of northern Eastern Andes in valley surrounded on all but northwestern side by Páramo de Santurbán [0715/7252 (USBGN)], midway between Bucaramanga [0708/7309 (USBGN)] and Pamplona [0723/7239 (USBGN)] (MHA); Wyatt, in vicinity at 9,500-10,000 ft [2,900-3,050 m], Feb. 1870 (Wyatt, 1871:map, 321, 324, 327).

- VIA AL MAR; Valle del Cauca Not located
Presumably refers to the road from Cali [0327/7631 (USBGN)] to Buena-ventura [0353/7704 (USBGN)]; Marinkelle, Mar., Apr. 1968 (WVZ).
- VIANÍ; Cundinamarca 0453/7434 (USBGN)
1,542 m, on western slope of middle Eastern Andes, 60 km NW of Bogotá [0436/7405 (USBGN)] and 23 km NE of Ambalema [0447/7746 (USBGN)] (MHA); collector ?, date ? (Olivares, 1967:54).
- VICHADA, RÍO; Vichada 0455/6750 (USBGN)
Rises in western interior Vichada and bisects the comisaría to meet Río Orinoco [0837/6215 (USBGN)] at Puerto Nariño [0456/6748 (USBGN)].
- VICHADA, COMISARÍA DEL 0500/6930 (USBGN)
Sparsely populated region in eastern Colombia, bordered by Venezuela to N and E, Guainía to S, Meta to W, and Casanare and Arauca to NW; northern, eastern, and southern borders demarcated by Ríos Meta [0612/6728 (USBGN)], Orinoco [0837/6215 (USBGN)], and Guaviare [0403/6744 (USBGN)], respectively; Puerto Carreno [0612/6722 (USBGN)] only sizable town; Silverstone, in northwest, Apr. 1980 (Hilty & Brown, 1986:520).
- VICTORIA, CAÑO (Serna, 1980:13); see Victoria, Quebrada.
- VICTORIA, LA; see La Victoria.
- VICTORIA, QUEBRADA; Norte de Santander 0836/7239 (USBGN)
Stream rising on eastern slope of Eastern Andes, flowing NE to meet Caño Grande [0828/7503 (USBGN)] and 5 km later emptying into Río Nuevo Presidente [0836/7239 (USBGN)], 4 km SSW of Tres Bocas [0837/7239 (USBGN)] (IGAC [N. de Santander], as "Caño Victoria"); N of Petrólea [0830/7235 (USBGN)], Nicéforo, 1 Dec. 1949 (Serna, 1980:13, as "Caño Victoria").
- VIDOS, RÍO Not located
Fuertes, 21-22 Nov. 1912 (CU).
- VIEJA, LA; see La Vieja.
- VIEJO, PUERTO; see Puerto Viejo.
- VIGA, LA; see La Vega.

VIGÍA, LA; see La Vigía.

VIJAGUAL, PÁRAMO DE; Boyacá Not located
Collector ?, date ? (Nidéforo & Olivares, 1966:391; 1976b:2).

VIJES; Valle del Cauca 0342/7625 (USBGN)
137 m, in upper Cauca Valley at eastern base of Western Andes, 28 km
NNE of Cali [0327/7631 (USBGN)] (MHA); Olivares and Lehmann, Feb.
1949 (FMNH); Borrero and Lumsden, 7 Mar. 1950 (Borrero, 1952b:5);
Lehmann, 16 Feb. 1956 (MVZ), 5 Feb. 1957 (FMNH; LACMNH).

VILLA ARTEAGA; Antioquia 0720/7626 (Herskovitz, 1977:925)
135 m (Herskovitz, 1977:925); in western foothills of Serranía de Abibe
[0750/7630 (USBGN)], a northern extension of Western Andes, on road to
Turbo [0800/7635 (USBGN)] on Caribbean coast, 12 km NW of Mutatá
[0714/7625 (USBGN)] (Atlas, 1977); forested, partly cleared along road
(Haffer, 1975:77); Herskovitz, Jan. 1950 (Herskovitz, 1977, *Living New
World Monkeys (Platyrrhini)*, Univ. Chicago Press, Chicago, p. 925);
Carriker, 14-22, 24-29 Apr., 1-6 May 1950 (USNM, as "Villa Artiaga");
Martínez, 5 Apr. 1966 (Serna, 1980:42).

VILLA ARTIAGA (USNM); see Villa Arteaga.

VILLACRISTIANA, HACIENDA; see Hacienda Villacristiana.

VILLA DE LEIVA (Mapa, 1976); see Leiva.

VILLA DE LEYVA (Melampy, 1987:294); see Leiva.

VILLADUPAR (de Schauensee, 1952a:1139); see Valledupar.

VILLA FÁTIMA; Caquetá; Not located
On Río Ortegaúza [0043/7516 (USBGN)], the major northern tributary of
Río Caquetá [0308S/6446 (USBGN)], Nidéforo, 16, 18-19 June, 16 July,
1951 (Serna, 1980:39, p. 98, as "Villa Fátima (La Rastra)"; Iafrancesco, et
al., 1985:58; 1987:70; 1989:142).

VILLA FÁTIMA; Vaupés (Olivares & Hernández, 1962:68); see Villa Fátima,
Cerro de.

VILLA FÁTIMA, CERRO DE; Vaupés Not located
Small hill on Río Vaupés [0002/6716 (USBGN)] between Mitú [0108/7003
(USBGN)] and Brazilian border, Olivares ?, at Villa Fátima and also at

Tipiaca [not located] near Cerro de Villa Fátima, between 11-22 Aug. 1960 and Gil [?], at Villa Fátima, 12 Dec. 1960 (Olivares & Hernández, 1962:61-64, 68, 85, the latter two pages as "Villa Fátima").

VILLA FELICA (LACMNH); see Villa Felisa.

VILLA FELISA; Norte de Santander ca. 0745/7233 (IGAC [N. de Santander]) 420 m (Dugand, 1948a:179); at eastern base of northern Eastern Andes, on road 18 km S of Cúcuta [0754/7231 (USBGN)] (IGAC [N. de Santander]); brush, low trees, dry, Carriker, 16-18, 20-25, 27-31 Oct., 1 Nov. 1947 (USNM); Nicéforo, 12 Oct. 1944, 13 Feb., 30 July, 3, 30 Aug., 3 Sept. 1955, 24 Oct. 1960 (Serna, 1980:51, pp. 67, 105, as "Villa Feliza"; Iafrancesco, et al., 1987:78, 108), 26, 30 Sept., 27 Oct. 1955, 16 Sept. 1960 (Iafrancesco, et al., 1985:53, 64; 1987:76); Carriker, 13-18 Apr. 1962 (WFVZ; YPM; LACMNH, sometimes as "Villa Felica"); Nicéforo & Olivares, 1966:373, as "Villa Feliza."

VILLA FELIZA (Nicéforo & Olivares, 1966:373); see Villa Felisa.

VILLA GARCON (ANSP); see Villagarzón.

VILLAGARZÓN; Putumayo 0102/7637 (USBGN)
Alt. ?; in northwestern Putumayo, a short distance S of Mocoa [0109/7637 (USBGN)]; does not appear on our maps; Dunning, 10 mi [16 km] N, 23 Feb., 8 Mar. 1969 (ANSP, as "Villa Garcon").

VILLA GÓMEZ; Cundinamarca 0517/7412 (USBGN)
ca. 1,500 m, on western slope of central Eastern Andes, S of Paime [0522/7410 (USBGN)], in valley of Río Mecipá [0526/7410 (USBGN)] (de Schauensee, 1948a:340); not on our maps; collector ?, in vicinity at 1,700 m, ca. 1942 (Lehmann, 1943c:190).

VILLA LUISA; Norte de Santander Not located
18 km S of Cúcuta [0754/7231 (USBGN)], collector ?, date ? (Nicéforo & Olivares, 1976a:26); not on our maps; probably an error for Villa Felisa [ca. 0745/7233 (IGAC [N. de Santander])], which is also 18 km S of Cúcuta, at eastern base of northern Eastern Andes.

VILLAMARÍA (Iafrancesco, et al., 1986:72); see Hacienda Villa María.

VILLA MARÍA (Nicéforo & Olivares, 1964); see Hacienda Villa María.

VILLA MARÍA, HACIENDA; see Hacienda Villa María.

VILLAMIZAR, FINCA; see Finca Villamizar.

VILLAMIZAR, PUERTO; see Puerto Villamizar.

VILLANUEVA; La Guajira 1037/7259 (USBGN)
280 m, at western base near northern end of Serranía de Perijá [1000/7300 (USBGN)] 18 km S of San Juan del Cesar [1046/7301 (USBGN)] and 32 km NE of Valledupar [1029/7315 (USBGN)] (MHA); de Schauensee, (1948a:340) implies that Carriker collected here, date ?

VILLAPINZÓN; Cundinamarca 0513/7336 (USBGN)
2,770 m, on eastern slope of central Eastern Andes, 46 km SW of Tunja [0531/7322 (USBGN)] and 10 km NE of Chocontá [0509/7341 (USBGN)] (MHA); collector ?, date ? (Borrero, 1970b:702).

VILLA ROSARIO; Norte de Santander 0750/7228 (USBGN)
ca. 300 m, on eastern side of northern extension of Eastern Andes in valley of Río Pamplonita [0820/7221 (USBGN)], 8 km SSE of Cúcuta [0754/7231 (USBGN)] (MHA, as "Rosario"); collector ?, date ? (Nicéforo & Olivares, 1965:44, as "Rosario"); Nicéforo, 1944:376, as "El Rosario."

VILLARRICA; Tolima 0358/7437 (USBGN)
ca. 1,000 m, on western slope of Eastern Andes, 42 km ESE of Guamo [0402/7458 (USBGN)] (Atlas, 1977); Isaza, 16 Aug. 1969 (Iafrancesco, et al., 1989:150)

VILLAVICENCIO; Meta 0409/7337 (USBGN)
498 m, at eastern base of central Eastern Andes and on western edge of llanos, on Río Guatiquía [0411/7304 (USBGN)], a tributary of Río Meta [0612/6728 (USBGN)] (MHA); the region was the source of many "Bogotá" specimens (de Schauensee, 1948a:341); it has been visited often by numerous collectors resulting in many records for Villavicencio published without dates or the identities of collectors (e.g., Borrero, 1960a, 1972b); Guevara, date ? (Dugand, 1941b:357); Detwiller [Detwiler], 8 Apr. 1888 (Stone, 1899:307); Chapman, Fuertes, et al., 6-15 Mar. 1913 (Chapman, 1917:51, 656; CU); Fuertes, 12 May 1913, 11 Mar. 1914 (CU); Cherrie, 9 Mar. 1914 [1913 ?] (Chapman, 1914b:624); Filiberto, Nov. 1941, Dec. 1944, 15 Dec. 1945, 7 Jan. 1946, 15-16, 18 Nov., 14, 24 Dec. 1947, 5 Jan. 1948, Esteban, Dec. 1945, 27 Dec. 1946, 6 Jan., 16 Dec. 1948, 15 Dec. 1950, 25 June, 2 July 1953, collector ?, 21 July 1946, Nicéforo and Esteban, 2, 6, 15 Apr. 1953 (Nicéforo, 1945:379; Iafrancesco, et al., 1985:54, 57; 1986:73, 74; 1987:84, 88, 101, 111, 113, 116, 120, 128, 132; 1988:129; 1989:139, 152); Idinael, July 1946 (Nicéforo, 1947:365); von

Sneider, 10, 12, 15 Dec. 1939, 19 Mar., 28 July, 12 Aug. 1940 (ANSP);
 Nicéforo, Feb. 1923 (Friedmann, 1947:475), Jan. 1929 (Nicéforo,
 1945:372), 24 Dec. 1931, 13-14, 29 Oct. 1937, 14 Feb., 18 Dec. 1939
 (ANSP), Jan. 1930, Jan. 1932, Nov. 1935, Dec. 1938 (Friedmann,
 1947:474ff), Feb.-Mar. 1939 (FMNH), Jan., 7 Nov., Dec. 1939, 8 Nov.
 1940, 20, 24, 29-30 Dec. 1942, 9, 14, 18, 20 Jan., 4 Apr., 5, 15, 19-20,
 Dec. 1943 (Friedmann, 1947:473ff; Serna, 1980:13, 30, 43, 82, 95, 99;
 ANSP), 3, 24 Dec. 1943-Feb., 7, 10, 20 Jan., 26 Dec. 1944, 2, 8-10, 14-15,
 18, 20, 25, 31 Jan., 22 Feb., 5 July, 21, 24 Dec. 1945, 3-5, 8-9, 18-20 Jan.,
 4, 8, 17, 26 Feb., 8, 18 Mar., 10 Apr., 4, 12 May 1946, 4, 14-17 Dec.
 1949, 28 Jan., 3-4, 9, 18, 29 Feb., 4, 6, 8 Apr., 16, 18, 20 May, 14, 16, 18
 June, 15 Dec. 1950, 6 Aug. 1951, 27 Mar., 4, 12 Apr., 2-3, 16 May, 2, 7,
 12, 15, 21, 26 June, 3 July 1953, 8, 10 Dec. 1957 (Nicéforo, 1945:372ff;
 1947:341ff; Serna, 1980:21, 22, 32, 37, 39, 42, 52, 56, 75, 89, 91, 104;
 Iafrancesco, et al., 1985:42, 44, 49, 54, 55, 57; 1986:73, 74, 75; 1987:79,
 84, 88, 96, 120; 1988:130, 133, 136; 1989:139; ANSP); Borrero, 22 Feb.
 1949, Olivares and Martínez, 16 Nov. 1958 (ANSP); collector ?, Dec.
 1924., Dec. 1943, Jan. 1944, July 1945, Feb. 1946, 15 Nov., 30 Dec. 1947,
 10, 16 Jan. 1948, 19 Feb. 1949, 10 Jan. 1950, 9 Dec. 1954, Nov. 1955, 27
 Nov. 1958, 9 Mar. 1971 (Olivares, 1974a:72ff; Iafrancesco, et al.,
 1987:72, 88, 93, 114; 1988:136, 137); Arvey, 3, 16, 25 Mar. 1960
 (LACMNH); Köster, Apr. 1970 (Köster, 1971:4ff); Nicéforo ?, July 1917,
 Oct. 1918, Feb., Oct. 1922, Jan. 1923 (MCZ); Nicéforo, Jan.-May 1946
 (Nicéforo, 1947:319ff); Stirton and Moreno, 5 June 1946, Stirton, 6-7 June
 1946 (MVZ); Borrero, 21, 25 Nov. 1960 (Borrero, 1974:210; ANSP);
 Marinkelle, 14 Feb., 3 Apr., June 1966, 24 Mar. 1967, 11 May, 5 Nov.
 1968 [see Finca Santa Bárbara, Cauca, for another record on this date], 15
 June 1969, Stone, Apr. 1966, collector ?, 11 May, Sept., 22 Nov. 1968, 27
 Oct. 1970, 2 June 1971 (WFVZ; UMMZ); Haffer, 28 Dec. 1958 (ANSP);
 Nicéforo, nearby, 14 Jan. 1939 (Nicéforo, 1945:372); Nicéforo, between
 Buenavista [0410/7341 (USBGN)] and Villavicencio, at 1,050 m, Jan. 1939,
 and 30 km S, 15 Feb. 1939 (Nicéforo, 1945:369, 376); Stirton, 5-6 June
 and 54 km E, 28 May 1946 (MVZ); Stirton and Moreno, 3 km S at Caño
 Grande [not located], 4 June 1946 and Stirton, 5 km E, 7 June 1946
 (MVZ); Nicéforo, 16 km E, at 460 m, 7 May 1953 (Nicéforo, 1955:174);
 Lehmann, between Apiay [0405/7334 (USBGN)] and Villavicencio, Feb.
 1941 (Dugand, 1941a:53); Idinael, between Acacías [0359/7346 (USBGN)]
 and Villavicencio, at 500 m, Jan. 1944 (Nicéforo, 1948:206); Marinkelle,
 nearby, 13 July 1965, 11 May 1968 (UMMZ); Köster, nearby, date ?
 (Köster, 1976:77); Keastner, 10 km W on Río Guatiquía [0411/7304
 (USBGN)], 15 Oct. 1989 (Anonymous, 1990c); Ridgely, in hills above, 9
 Aug. 1975 (Hilty & Brown, 1986:248).

VILLAVIEJA; Huila 0313/7514 (USBGN)
439 m, on right bank of upper Río Magdalena [1106/7457 (USBGN)], 32 km NNE of Neiva [0256/7518 (USBGN)] (MHA); arid, tropical, A. H. Miller, at and in vicinity, 12 Jan.-11 Feb. 1945, Hendrickson, 25-26 Jan., 3 Feb. 1945, Benson, 2 Feb. 1945 (Miller, 1947:352; MVZ); A. H. Miller, 5 km N, at "Camp Cerbatana" or "Cerbatana," at 1,400 ft [400 m], and nearby, 26 Jan -7 Mar. 1949, Hendrickson, 5 km N ["Camp Cerbatana"], 19-21, 24, 26-29, 31 Oct., 1-4 Nov. 1950, Stebbins, 5 km N ["Camp Cerbatana"], 18-24, 26-30 Oct., 1, 3 Nov. 1950 (Miller, 1952a:450; MVZ); A. H. Miller, June-July 1949 ?, Oct.-Nov. 1950 ? (Miller, 1955:496); Pearson, 10 km S, at 450 m, 2 Feb. 1945, at Villavieja, 10 June 1950, 9-10 June, at 1,400 ft [400 m], 7.5 km E., at 1,400 ft [400 m], 1, 5-6 July, 7.5 km SE, at 487 m, 12 June, 17.5 km SE, at 1,600 ft [500 m], 11-20, 22-24 June, 16 km NW, at 1,600 ft [500 m], 8 July, 16 km NE, at 1,600 ft [500 m], 10 July 1950, 3.5 km S, 7 June 1950, and 5 km N ["Camp Cerbatana"], 15-16, 18 July 1950 (Borrero & Hernández, 1958:273; MVZ); collector ?, date ? (Dugand, 1948a:188); observer ?, 24 Oct. 1950 (Miller, 1952a:453); Hendrickson, 5 km W, 21 Oct. 1950, A. H. Miller, 4 km NW, 1-2, 27 Mar., 15, 28 Apr., 30 May, 21 Dec. 1958, and A. H. Miller, 8 km NW, 12 Mar. 1958 (MVZ).

VILLA ZULIA (MHA); see El Zulia.

VILLEGAS, ESTACIÓN; Risaralda ca. 0448/7549
Alt. ?; 1 km E of Fonda Central [0448/7549 (USBGN)] and ca. 17 km [W of] Pereira [0449/7543 (USBGN)], Melton, 16 Apr. 1960 (Lehmann, 1960a:267); not on our maps; on western slope of middle Central Andes.

VILLETA; Cundinamarca 0501/7428 (USBGN)
842 m, in western foothills of central Eastern Andes, 35 km SE of Honda [0512/7445 (USBGN)] (MHA); Nicéforo ?, date ? (Nicéforo, 1940:319); collector ?, date ? (Dugand, 1948a:179); collector ?, Feb. 1952 (Iafrancesco, et al., 1987:82); Marinkelle, June (WFVZ), 9 Aug. 1966 (UMMZ).

VIOTÁ; Cundinamarca 0427/7432 (USBGN)
750 m, in western foothills of middle Eastern Andes, 35 km NE of Girardot [0418/7448 (USBGN)] (MHA); collector ?, date ? (Nicéforo, 1940:320); Marinkelle, 28 Sept. 1964 (LACMNH).

VIRGINIA, LA; see La Virginia.

- VIRGINIA, RÍO; Valle del Cauca** Not located
 Marinkelle, at 700 m, 30 km W of Cali [0327/7631 (USBGN)], 4 Apr. 1969 (LACMNH); collector ?, date ? (Niséforo & Olivares, 1976a:23); Marinkelle, at Km 30 on "via Mar", Mar., 5 Apr. 1968 (WVZ).
- VIROLÍN; Santander** 0605/7312 (USBGN)
 ca. 1,900 m, on western slope of northern Central Andes, on Río Negro [0608/7308 (USBGN)], an affluent of Río Pienta [0617/7310 (USBGN)], 36 km NW of Duitama [0550/7302 (USBGN)] and 20 km S of Charalá [0617/7310 (USBGN)] (MHA); Carriker, in vicinity and between 5,500-8,500 ft [1,700-2,600 m], 10-17, 19-22 Sept. 1943 (USNM); Bernal, et al., 27 Nov., 1 Dec. 1978 (Romero & Hernández, 1979:2, also as "Cañaverale"); collector ?, at 1,780 m, Nov. 1979 (Arango, 1986:678); Romero & Morales, 1981:296, as "Cañaveral"; Brooke, Mar. 1987 ? (Anon., 1988b); see, also, La Argentina, La Lanosa, and Luisito, Caño.
- VIRUS FIELD STATION; Valle del Cauca** Not located
 On Pacific coast on Río Raposo [0342/7708 (USBGN)], Marinkelle, 15-16, 18-19 Apr. 1962 (WVZ); also see Raposo, Río.
- VISO, EL; see El Viso.**
- VISTA DE NIEVE (Olivares, 1958b:285); see Hacienda Vista Nieve.**
- VISTA NIEVE (USNM); see Hacienda Vista Nieve.**
- VISTA NIEVE, HACIENDA; see Hacienda Vista Nieve.**
- VISTANIEVES (IGAC [Mag.]); see Hacienda Vista Nieve.**
- VOLADOR; Bolívar** ca. 0758/7415
 2,600 ft [800 m] (USNM); cafetal on eastern slope of Serranía de San Lucas [0800/7420 (USBGN)], the northern extension of the Central Andes, ca. 10 km W of Santa Rosa [0758/7403 (USBGN)], cultivation, second-growth, some forest, Carriker, between 2,400-3,800 ft [750-1,150 m], 5-10, 12-17, 19-20, 22-31 May, 1 June 1947 (USNM, sometimes as "El Volador").
- VOLCANCITO** Not located
 Fuertes, 11 May 1911 (CU); presumably in close proximity to Cali [0327/7631 (USBGN)], as Fuertes known to have been there 8-11 May 1911.

WARACAPURÍ, SANTA CRUZ DE; see Santa Cruz de Waracapurí.

WILCHES, PUERTO; see Puerto Wilches.

X, LA; see La X.

YACOPÍ; Cundinamarca ca. 0530/7420 (MHA)
1,416 m, village on lower western slope of central Eastern Andes, ca. 12 km NNE of La Palma [0522/7424 (USBGN)] (MHA); Atlas, 1977 shows at ca. 0525/7420 and USBGN gives, probably erroneously, 0540/7425; said to have been called "Jacopi" by Chapman, 1917 (de Schauensee, 1948a:341); collector ?, date ? (Nicéforo, 1940:315, as "Carmen de Yacopí"); de Schauensee, 1948a:291, gives "Carmen de Jacopí" as an alternate misspelling; collector ?, in vicinity, date ? (Nicéforo, 1945:381).

YANANCHÁ; Nariño 0115/7732 (USBGN)
ca. 1,500 m, in valley of Río Guátara [0134/7727 (USBGN)] W [ca. 25 km ?] of Pasto [0113/7717 (USBGN)] and ca. 5 km S [W] of Ancuya [0115/7731 (USBGN)] (de Schauensee, 1952a:1139); not on our maps; Mena, 1, 12-20, 27, 30 Aug., 1, 7, 12-14, 17-19, 23-29 Sept. 1950 (de Schauensee, 1951b:2, 5; UMMZ; ANSP).

YARÍ, LLANOS DEL; Caquetá/Meta 0152/7424 (Velásquez, 1992:19)
Alt. ?; in vicinity of northern Río Yarí [0023S/7216 (USBGN)], ca. 150 km ENE of Florencia [0136/7536 (USBGN)] (Atlas, 1977, as "Sabana de Yarí"); Velásquez, 24 Jan.-2 Feb. 1990 (Velásquez, 1992).

YARUMAL; Antioquia 0658/7524 (USBGN)
2,300 m, on eastern slope near northern end of Central Andes, 85 km NNE of Medellín [0615/7535 (USBGN)] and 29 km S of Puerto Valdivia [0718/7523 (USBGN)] in Cauca Valley [0854/7428(USBGN)]; Gabriel, 14 Jan. 1963 (Iafrancesco, et al., 1988:107); Acevedo, 10 Nov. 1964, 17 June 1965 (YPM); collector ?, date ? (Nicéforo & Olivares, 1966:386); collector

?, 3 May 1966, Isaza, 3 Jan. 1962, 7 Apr. 1968, collector ?, at La Bravera [not located], 10 May, 1966, 5, 7 Jan. 1967, at San Roque [0629/7501 (USBGN)], 5 July 1962, 5 June 1967, at Betania [not located], 16 Jan. 1966, 5, 18 Jan. 1967, 8 Jan. 1969, Isaza, at Betania, 18 Jan. 1967, Serna, at Betania, 22 June 1974, 1 May 1977 (Serna, 1980:12, 13, 58, 65, 69, 71, 75, 91, 99, 101, 105).

YATACUÉ; Valle del Cauca Not located
55 m (Hilty & Brown, 1986:542); on western slope of Western Andes in upper Río Anchicayá Valley [0346/7710 (USBGN)] above junction of Río Digua [0336/7657 (USBGN)], Hilty, at confluence, 12 Aug. 1972, below Yatacué, 450 m, 18 Dec. 1972 (Hilty, 1977:45-46); Gochfeld and Keith, 3 Feb. 1977 (Gochfeld, et al., 1980:200, as "Yatacuy"); Dunning, 15 Aug. 1977 (Hilty & Brown, 1986:542).

YATECUIY (Gochfeld, et al., 1980:200); see Yatacué.

YATÍ; Bolívar 0916/7444 (USBGN)
35 m, 16 km S of confluence of Brazo de Loba [0920/7442 (USBGN)] with main channel of Río Magdalena [1106/7451 (USBGN)] and 5 km NNE of Magangué [0914/7445 (USBGN)] (MHA); open, swampy plains, Haffer, Beattie, or both ?, 23, 27 Nov., 4 Dec. 1960 ? (Haffer & Borrero, 1965:43, 46); Haffer, Mar. 1961 (Haffer, 1975:77).

YE, LA; see La Ye.

YEGUAS; Caldas ca. 0524/7440 (de Schauensee, 1948a:342)
200 m, on western bank of middle Río Magdalena [1106/7451 (USBGN)], ca. 10 km S of La Dorada [0527/7440 (USBGN)], collector ?, date ? (de Schauensee, 1948a:342); Robinson was here on 2 July 1892, but does not seem to have collected birds (Robinson, 1895:81); not on our maps.

YERLÍ, CAÑO (Blake, 1962:75); see Yerly, Caño.

YERLY, CAÑO; Meta ca. 0314/7352 (Philipson, et al., 1951:189, map)
Small stream flowing E from eastern side of northern portion of Serranía de la Macarena [0245/7355 (USBGN)] to upper Río Güejar [0255/7314 (USBGN)], Doncaster, in lowlands, ca. 25 km upstream, at 450 m, 20-25 Nov. 1949 (Philipson, et al., 1951:189 (map), 192: Blake, 1962:75, as "Caño Yerlí"); von Sneider, at 550 m, Feb. 1957 (FMNH, as "Caño Yerlí"); as noted by de Schauensee, 1952a:1130, the longitude of the map accompanying Philipson, et al., 1951 is labeled one degree too far east [the longitude given above has been corrected]; we have not found this stream

on any other map and are uncertain of its spelling, but believe that "Yerlí" may be more nearly correct; Nicéforo & Olivares, 1965:43, as "Caño Yerlí, Boyacá."

YOLOMBO; Antioquia 0636/7501 (USBGN)
1,485 m, on eastern slope of Central Andes 75 km NE of Medellín [0615/7535 (USBGN)]; and 10 km NE of Cisneros [0633/7504 (USBGN)] (MHA); collector ?, date ? (de Schauensee, 1952a:1139).

YOPAL; Boyacá (Borrero, 1972b:399); see El Yopal; Casanare.

YOPAL, EL; see El Yopal.

YOTOCO; Valle del Cauca 0352/7624 (USBGN)
970 m, on western side of upper Cauca Valley, 12 km WSW of Buga [0354/7616 (USBGN)] and 47 km NNE of Cali [0327/7631 (USBGN)] (MHA); collector ?, date ? (Nicéforo & Olivares, 1966:377; Borrero, 1972b:400); Orejuela, et al., at 1,600 m, 3 to 4-day visits, May, Oct., Dec. 1976, Mar. 1977, plus three additional visits 1977-1978 (Orejuela, Raitt, & Alvarez-López, 1979:11; Orejuela, 1980:256); Schuchmann, July 1976 (Schuchmann, 1995:213); collector ?, at Reserva Forestal de Yotoco, date ? (Cantillo, 1983:72); Hilty, at Bosque Yotoco, 14 Aug. 1979 (Hilty & Brown, 1986:510, 607); Velásco, at Reserva de Yotoco, date ? (Gómez, 1990:29).

YOTOCO, BOSQUE (Hilty & Brown, 1986:510); see Yotoco.

YUCA, RÍO (Borrero & Hernández, 1961:431); see Yuca, Río.

YUCAO, RÍO; Meta 0425/7206 (USBGN)
Small tributary of upper Río Meta [0612/6728 (USBGN)] rising in north central Meta and entering on right bank of Río Meta between La Poyata [0427/7210 (USBGN)] and Las Delicias [0423/7203 (USBGN)] (MHA; Atlas, 1977); collector ?, date ? (Borrero & Hernández, 1961:431, as "Yuca," and p. 443); collector ?, 15 Nov. 1967 (WFFVZ).

YUMBO; Valle del Cauca 0335/7628 (USBGN)
985 m, in upper Río Cauca Valley, 16 km N of Cali [0327/7631 (USBGN)] at base of Western Andes (MHA); Carriker, 4-9, 12-16 Aug. 1918 (CM; Todd, 1927, Proc. Biol. Soc. Washington, 40:162); Lehmann, Sept. 1957 (Lehmann, 1957:124); A. H. Miller, 2 km N, at 3,500 ft [1,075 m], 16 Dec. 1958, 4 km W, at 4,100 ft [1,250 m], 27 May, 10, 16 Dec. 1958, 12 km N, at 3,800 ft [1,150 m], 20, 30 Dec. 1958 (MVZ); Willis, 31 Mar.-1 Apr.

1962 (Willis, 1988:138); Borrero, 27 May-ca. 12 June 1971 (Borrero, 1980:2); A. H. Miller, 4 km W, at 4,100 ft [1,250 m], 27 May, 16 Dec. and 12 km N, 16, 30 Dec. 1958 (MVZ).

YUNTAS (de Schauensee, 1948a:342); see Juntas.

YURADO, RÍO (FMNH); see Juradó, Río.

YURIBIDA, RÍO (UMMZ); see Buey, Alto de.

YURIMENA; Meta 0417/7244 (USBGN)
ca. 100 m, on southern bank of upper Río Meta [0612/6728 (USBGN)] at mouth of Caño Yurimena [0417/7243 (USBGN)], 6 km E of mouth of Río Upía [0418/7245 (USBGN)] and 10 km W of Remolino [0417/7236 (USBGN)] (MHA; Atlas, 1977); Sanmartín, date ? (Dugand, 1948a:176).

YURIMENA, CAÑO; Meta 0417/7243 (USBGN)
Enters on right bank of upper Río Meta [0612/6728 (USBGN)] 6 km E of mouth of Río Upía [0418/7245 (USBGN)] (MHA; Atlas, 1977); MHA does not show Caño Yurimena and Atlas places it W of mouth of Río Upía, which must be an error as this does not agree with USBGN coordinates; collector ? [Olivares ?], May 1946 (Renjifo, 1950:540ff).

YURUBIDA, RÍO (FMNH); see Buey, Alto de.

YURUMANGUI, RÍO; Cauca 0327/7721 (USBGN)
Rises on western slope of southern Western Andes and discharges into Pacific 64 km SSW of Buenaventura [0353/7704 (USBGN)] (MHA); de Schauensee (1952a:1138), without giving source of record, indicates the locality has been misspelled "Umangi."

YURUPARÍ (Olivares, 1955a:267); see Yuruparí, Raudal.

YURUPARÍ, RAUDAL; Vaupés ca. 0106/7004
ca. 100 m, falls on upper Río Vaupés [0002/6716 (USBGN)] near Brazilian border, just above Mitú [0108/7003 (USBGN)] (MHA); USBGN cites above coordinates for the settlement of Yuruparí and 0050/7034 for Raudal Yuruparí, but former site also has rapids and is the one visited by Lehmann, Sept. 1939 (Lehmann, 1957:148); presumably Lehmann was the collector of specimen taken 29 Nov. 1938, mentioned by Nicéforo (1945:386); Olivares, 1955a:267, as "Yuruparí."

YUTO; Chocó 0532/7638 (USBGN)
ca. 100 m, at western base of central Western Andes on upper Río Atrato [0817/7658 (USBGN)] 18 km SSE of Quibdó [0542/7640 (USBGN)] (MHA); collector ?, date ? (Haffer, 1975:10); Willis, 24 Feb. 1962 (Willis, 1988:137); Hilty and Bailey, Mar. 1978 (Hilty & Brown, 1986:514).

ZABALETAS; Valle del Cauca 0344/7657 (USBGN)
ca. 50 m (Atlas, 1977); on western slope of Western Andes, on Río San José de Anchicayá [0344/7700 (USBGN)], on old road to Buenaventura [0353/7704 (USBGN)], ca. 5 km N of Llanobajo [0344/7657 (USBGN)] (Mapa, Valle, 1973, as "Sabaletas"); von Sneidern, 5, 8 Mar., 10 June, 20 July, Aug., 12 Oct., 10, 19 Dec. 1956, May 1957 (YPM; LACMNH); Sibley, 15 June 1956 (CU); von Sneidern, Oct. 1958 (FMNH, as "Sabaletas"); Hilty, nearby, June-July 1975 (Hilty, 1977:45-46, as "Saboletas"); collector ?, date ? (Cantillo, 1983:72, as "Sabaletas"); it is curious that USBGN uses "Zabaletas" for the town but "Sabaletas" for the quebrada on which it is located.

ZANCUDO (Dugand, 1948a:178); see El Zancudo.

ZANCUDO, EL; see El Zancudo.

ZANZA, Río; Meta Not located
An affluent of Río Nuevo [0836/7239 (USBGN)] (Dicc. Geog.); in Serranía de la Macarena [0245/7355 (USBGN)], Lemke and Gertler, 4 Feb. 1976 (Hilty & Brown, 1986:160).

ZAPATA; Antioquia 0841/7639 (USBGN)
Sea level, on Caribbean coast, 10 km NE of Mulatos [0839/7644 (USBGN)] (MHA); Batty, 18, 23 Aug. 1898 (MCZ); see, also, Zapata, Río.

ZAPATA, RÍO Antioquia 0841/7639 (USBGN)
Not on our maps but coordinates indicate its mouth is at the town of Zapata [0841/7639 (USBGN)] on Caribbean coast, 10 km NE of Mulatos

[0839/7644 (USBGN)] (MHA); Batty, 25 July-ca. 17 Sept. 1898 (MCZ; Hellmayr, 1911:1181, as "Río Zapotá," which doubtless is a lapsus for "Río Zapata"); see, also, Zapata.

ZAPATOSA, CIÉNAGA DE; Cesar 0905/7350 (USBGN)
ca. 50 m, large lake in central-western Cesar and extreme southern Magdalena, emptying into lower Río Magdalena [1106/7451 (USBGN)] (MHA); collector ?, date ? (Dugand, 1948a:161, as "Laguna de Zapatoza"; Borrero, 1972b:396).

ZAPATOZA, LAGUNA DE (Dugand, 1948a:161); see Zapatosa, Ciénaga de.

ZAPOTÁ, RÍO (Hellmayr, 1911:1181); see Zapata, Río.

ZAPOTE (Dugand, 1948a:177); see Cispatá.

ZAPOTE, EL (de Schauensee, 1946c:11); see Cispatá.

ZAPOTE, PUERTO (de Schauensee, 1948a:324); see Cispatá.

ZAPOTE, PUNTO (Todd, 1920:211); see Cispatá.

ZAPOTE, RÍO; Córdoba ca. 0922/7550
Not on our maps, although de Schauensee (1948a:342) states it is a small stream entering Caribbean on Bahía Cispatá [0924/7549 (USBGN)] opposite mouth of Río Sinú [0924/7549 (USBGN)], but he cites no collector or date for one at this locality.

ZARAGOZA; Amazonas ca. 0408S/7000
ca. 100 m (MHA); finca "above Leticia" [0409S/6957 (USBGN)], Lehmann, 3 Nov. 1939 (Lehmann, 1957:153); records from here are included with those from Leticia by Dugand & Borrero (1946:139ff), as indicated by record of *Jacana* (compare Lehmann, 1957:153, with Dugand & Borrero, op. cit., p. 142).

ZARAGOZA; Antioquia 0730/7452 (USBGN)
ca. 100 m, on right bank of upper Río Nechí [0808/7446 (USBGN)], ca. 20 km after it leaves the narrow valley and 21 km NE of Támara [0722/7500 (USBGN)] (MHA); collector ?, 20 Dec. 1966 (Serna, 1980:37); collector ?, between Zaragoza and Anorí [0705/7508 (USBGN)], date ? (Nicéforo & Olivares, 1975:4).

ZARZAL; Valle del Cauca 0424/7604 (USBGN)
ca. 900 m, on eastern side of upper Cauca Valley, 43 km SW of Cartago [0445/7555 (USBGN)] and 38 km NE of Tuluá [0406/7611 (USBGN)] (MHA); collector ?, date ? (Cantillo, 1983:72); collector ?, between Zarzal and Obando [0435/7559 (USBGN)], date ? (Borrero, 1952b:400).

ZARZAL, CIÉNAGA DE; Santander Not located
Collector ?, date ? (Borrero & Hernández, 1958:277, as "Ciénaga de Zarzal, Barrancabermeja"); not shown on our maps; possibly an erroneous citation for Ciénaga de Zarzal [1027/7507 (USBGN)], Atlántico, which is near Barranquilla [1059/7448 (USBGN)]; Barrancabermeja [0703/7352 (USBGN)] is on middle Río Magdalena [1106/7451 (USBGN)].

ZIPACÓN; Cundinamarca 0446/7423 (USBGN)
ca. 2,500 m, on western slope of central Eastern Andes, 10 km E of Anolaima [0446/7428 (USBGN)] and 5 km SSW of Facatativá [0449/7422 (USBGN)] (MHA); collector ?, date ? (Olivares, 1969b:100).

ZIPAQUIRÁ; Cundinamarca 0502/7400 (USBGN)
2,650 m, near northern end of Sabana de Bogotá, 48 km NNE of Bogotá [0436/7405 (USBGN)] (MHA); Callamand and Ortiz, 4 Feb. 1916 (Apolinar, 1916:47); Borrero and Jaramillo, nearby, June 1945 (Borrero, 1946:172); de Schauensee (1948a:342) gives "Zitaguira" as an erroneous spelling.

ZIPAQUIRÁ, PÁRAMO DE; Cundinamarca ca. 0502/7400
Alt. ?; páramo in central Eastern Andes in vicinity of Zipaquirá [0502/7400 (USBGN)] at northern end of Sabana de Bogotá; not shown on our maps; Borrero and Bernal, 2, 4 Oct. 1959 (FMNH; ANSP).

ZITAGUIRA (de Schauensee, 1948a:342); see Zipaquirá.

ZOCHOA (Renjifo, 1950:540); see Ochoa, Río.

ZULAIBA, HACIENDA; see Hacienda Zulaiba.

ZULIA, EL; see El Zulia.

ZULIA, RÍO; Norte de Santander 0904/7218 (USBGN)
Major river originating on eastern slope of northern Eastern Andes in central Norte de Santander, flowing NNE, ca. 10 km W of Cúcuta [0754/7231 (USBGN)] to join Río Catatumbo [0921/7145 (USBGN)] in Venezuela (MHA); Nicéforo, near river [presumably in vicinity of Cúcuta,

a site visited frequently by him], 6 Apr. 1936, 24 Jan. 1937, 26, 28 Feb. 1940, 11, 17 Dec. 1941, 17, 22 May-13 June, 5, 8, 10 July, 14 Aug., 7, 18 Sept. 1944, Mar., 5 May, 8 Aug. 1948, 20 Jan. 1949, 21 Dec. 1950, 7 Aug 1954, 18 Jan. 1958, 9, 27 July 1960, 11 Feb. 1961 (Nicéforo, 1945:394; 1947:338, 363, 365; 1948:203-204; Serna, 1980:43, 51, 53, 68; Iafrancesco, et al., 1985:53; 1986:50; 1987:78, 89, 107; 1988:132; ANSP); Gaviria, near Cúcuta, 1975 (Serna, 1980:100); also see Cúcuta.

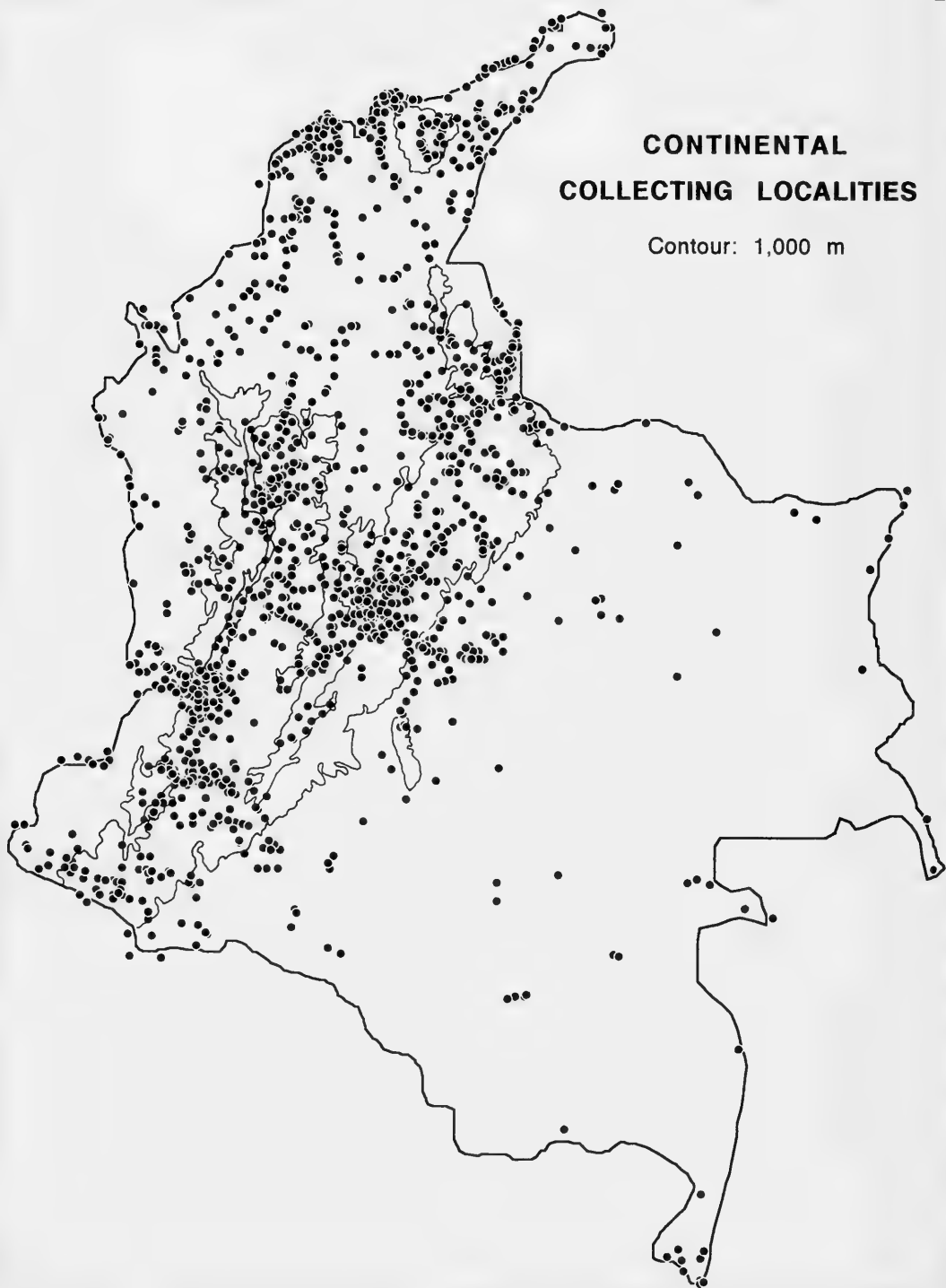
ZUNGO, RÍO; Antioquia

0753/7645 (USBGN)

Small tributary of lower Río León [0756/7645 (USBGN)], a major river discharging at head of Golfo de Urabá [0806/7643 (USBGN)] (MHA); Haffer, ca. 1958-59 (Haffer, 1959:21).

**CONTINENTAL
COLLECTING LOCALITIES**

Contour: 1,000 m



BIBLIOGRAPHY

- Acevedo, M. A. M. 1983. Densidad y abundancia relativa de avifauna en tres franjas altitudinales de la cordillera central de Colombia y determinación de la actividad diurna en la franja tropical. Bol. Dep. Biol. Fac. Cienc. Univ. Nac. Colombia, 1(5):1-10. [Not seen.]
- Adams, J., and E. R. Slavid. 1984. Cheek plumage in Colombian Ruddy Duck *Oxyura jamaicensis*. Ibis, 126:405-407.
- Alfaro, M., and D. Russi. 1989. Estimación del éxito de anidamiento de la Garza Morena *Egretta tricolor ruficollis* (Goose, 1847) en la Laguna de San Lorenzo, Cartagena (Colombia). Bol. Ecotropica, no. 19, pp. 3-25.
- Allen, J. A. 1900a. List of birds collected in the district of Santa Marta, Colombia, by Mr. Herbert H. Smith. Bull. Amer. Mus. Nat. Hist., 13:117-184.
- . 1900b. North American birds collected at Santa Marta, Colombia. Auk, 17:363-367.
- . 1905. Supplementary notes on birds collected in the Santa Marta District, Colombia, by Herbert H. Smith, with descriptions of nests and eggs. Bull. Amer. Mus. Nat. Hist., 21:275-295.
- Alvaré, L. M. 1984. El ave del mes; el Rey de los Gallinazos, *Sarcoramphus papa*. Rupicola, 4(1-6):7-8.
- Alvarez-López, H. 1979. Introducción a las Aves de Colombia. Ed. 1. Biblio. Banco Popular, Bogotá, 196 pp. [Not seen.]
- . 1982a. El ave del mes; el Cucarachero (*Troglodytes aëdon*). Rupicola, 2(3):2-4.
- . 1982b. El ave del mes; el Copetón (*Zonotrichia capensis*). Rupicola, 2(4):2-4.
- . 1984. Ave del mes; el Bienparado (*Nyctibius griseus*). Rupicola, 4(10):5-8.

- _____. 1987. Introducción a las Aves de Colombia. Ed. 2. Biblio. Banco Popular, Bogotá, 196 pp.
- _____. 1989a. El ave del mes; la Golondrina Azul y Blanca (*Notiochelidon cyanoleuca*). *Rupicola*, **9**(7-8):7-9.
- _____. 1989b. Colombia focus. *World Birdwatch*, **11**(3):9.
- _____. 1993. Mortandad de aves migratorias por colisión con una torre de radio. *Bol. SAO*, **4** [no. 8]:5-6.
- Alvarez-López, H., and M. D. Heredia F. 1986. Dónde están las aves? En el Topacio. *Rupicola*, **6**(7-12):10-12.
- _____. 1989. El ave del mes; el Colibri Collarejo (*Florisuga mellivora*). *Rupicola*, **9**(9-10):5-7.
- _____. 1996. Primer registro de la Reinita Gorginegra (*Dendroica virens*) en el occidente colombiano. *Bol. SAO*, **7** [nos.12-13]: 5-7.
- Alvarez-López, H., M. D. Heredia F., and M. C. Hernández P. 1984. Reproducción del Cucarachero Común (*Troglodytes aëdon*, Aves, Troglodytidae) en el Valle del Cauca. *Caldasia*, **14**:85-123.
- Alvarez-López, H., and G. H. Kattan. 1995. Notes on the conservation status of resident diurnal raptors of the middle Cauca Valley, Colombia. *Bird Conserv. Intern.*, **5**:341-348.
- Andrade, G. I. 1982. Aves del Río Buritaca, Sierra Nevada de Santa Marta. *Rupicola*, **2**(6):4-6.
- _____. 1985a. Estudios de aves en el Parque Nacional Serranía de la Macuira, Departamento de La Guajira. I. *Rupicola*, **5**(3-4):1-3.
- _____. 1985b. Estudios de aves en el Parque Nacional Serranía de la Macuira, Departamento de La Guajira. II. *Rupicola*, **5**(5-6): 5-6.
- _____. 1987. Distribución actual y problemática de conservación del Flamenco del Caribe en Colombia. *Rupicola*, **7**(5-6):1-4.
- _____. 1994. La Laguna de la Herrera, ultimo gran humedal de la Sabana de Bogotá. *Trianea* (Act. Cient. Tecn. INDERENA), **5**:65-84.

- Andrade, G. I., and C. Mejia. 1988. Cambios estacionales en la distribución de la avifauna terrestre en el Parque Nacional Natural Macuira, Guajira, Colombia. *Trianea (Act. Cient. Tecn. INDERENA)*, **1**:145-169.
- Andrade, G. I., and H. Rubio-Torgler. 1994. Sustainable use of the tropical rain forest; evidence from the avifauna in a shifting-cultivation habitat mosaic in the Colombian Amazon. *Conserv. Biol.*, **8**:545-554.
- Anonymous [Apolinar ?]. 1914. Especies ingresadas en el transcurso de los meses de diciembre y enero. *Bol. Soc. Cienc. Nat. Inst. La Salle*, **2**(2):front cover and back cover.
- Anonymous. 1983a. El ave del mes; el Hoatzin (*Opisthocomus hoatzin*). *Rupicola*, **3**(1):2-4.
- _____. 1983b. Zonas húmedas y aves acuáticas en Colombia. *Rupicola*, **3**(6):4-8.
- _____. 1988a. El ave del mes; la Viudita (*Fluvicola pica* (Tyrannidae)). *Rupicola*, **8**(11-12):5-7.
- _____. 1988b. Gorgeted Wood-quail for protection. *World Birdwatch*, **10**(2):4.
- _____. 1989. Primer censo nacional de aves. *Rupicola*, **10** [9] (3-4):1-2, 4-14.
- _____. 1990a. SAO participo en el censo de aves 1990. *Bol. SAO*, **1** [no. 1]:22-24.
- _____. 1990b. Censo nacional de aves 1990 (SAO). *Bol. SAO*, **1** [no. 2]:19-28.
- _____. 1990c. Segundo censo nacional de aves. *Rupicola*, **10**(1-2):1-4, 6-27.
- _____. 1991a. Novedades sobre aves. *Bol. SAO*, **2** [no. 3]:32-33.
- _____. 1991b. Censo nacional de aves 1991 (SAO). *Bol. SAO*, **2** [no. 4]:31-39.
- _____. 1991c. Registro de nuevo garcero. *Bol. SAO*, **2** [no. 4]:39.
- Apolinar, Hermano. 1914. El Condor. *Bol. Soc. Cienc. Nat. Inst. La Salle*, **2**:198-207, 235-242.

- _____. 1915. Capturas interesantes. Bol. Soc. Cienc. Nat. Inst. La Salle, **3**:15-16.
- _____. 1916. Capturas interesantes. Bol. Soc. Cienc. Nat. Inst. La Salle, **4**:31-32, 60-62, 79-80, 110-112, 143-144.
- Arango, G. 1986. Distribución del genero *Gallinago* Brisson 1760 (Aves:Scolopacidae) en los Andes orientales de Colombia. Caldasia, **15**:669-706.
- Ayala R., A. V. 1986. Aspectos de la relación entre *Thalurania furcata colombica* (Aves Trochilidae) y las flores en que liba, en un bosque subandino. Caldasia, **14**:549-562.
- Bangs, O. 1898a. On some birds from Santa Marta, Colombia. Proc. Biol. Soc. Washington, **12**:131-144.
- _____. 1898b. On some birds from Pueblo Viejo, Colombia. Proc. Biol. Soc. Washington, **12**:157-160.
- _____. 1898c. On some birds from the Sierra Nevada de Santa Marta, Colombia. Proc. Biol. Soc. Washington, **12**:171-182.
- _____. 1899a. On some new or rare birds from the Sierra Nevada de Santa Marta, Colombia. Proc. Biol. Soc. Washington, **13**:91-108.
- _____. 1899b. The Grey-breasted Wood Wrens of the Sierra Nevada de Santa Marta. Proc. New England Zool. Club, **1**:83-84.
- _____. 1899c. The hummingbirds of the Santa Marta region of Colombia. Auk, **16**:135-139.
- _____. 1899d. On a small collection of birds from San Sebastian, Colombia. Proc. New England Zool. Club, **1**:75-80.
- _____. 1900. A new dove from the Sierra Nevada de Santa Marta, Colombia. Proc. New England Zool. Club, **1**:107-109.
- _____. 1901. A new *Phaethornis* from the Santa Marta region of Colombia. Proc. New England Zool. Club, **2**:63-65.
- _____. 1902. Descriptions of ten new birds from the Santa Marta region of Colombia. Proc. New England Zool. Club, **3**:81-90.

- _____. 1905. Vertebrata of Gorgona Island, Colombia. I. Introduction. Bull. Mus. Comp. Zool., Harvard, **46**:87-88.
- _____. 1907. A new spiny-tail from the Sierra Nevada de Santa Marta, Colombia. Proc. Biol. Soc. Washington, **20**:55-56.
- _____. 1908a. A new tyrant-bird from the Santa Marta region of Colombia. Proc. Biol. Soc. Washington, **21**:163-164.
- _____. 1908b. Notes on birds from western Colombia. Proc. Biol. Soc. Washington, **21**:157-161.
- _____. 1910a. A new humming bird from the Sierra Nevada de Santa Marta, Colombia. Proc. Biol. Soc. Washington, **23**:105-106.
- _____. 1910b. New or rare birds from western Colombia. Proc. Biol. Soc. Washington, **23**:71-75.
- Barlow, J. C., and J. A. Dick. 1969. Ochre-striped Antpitta in Colombia. Auk, **86**:759.
- Barlow, J. C., and S. V. Nash. 1985. Behavior and nesting biology of the St. Andrew Vireo. Wilson Bull., **97**:265-272.
- Barrera R., M., and O. Feliciano C. 1994. Repoblación de Condór Andina *Vultur gryphus* (Linnaeus, 1758) en tres páramos de los Andes Colombianos. Trianea (Act. Cient. Tecn.INDERENA), **5**:353-378.
- Barreto, M. 1981. Aves en El Porvenir, Meta, Colombia. Cespedia, **10**:149-163.
- Barreto, M., and P. Barreto. 1984. Aves y pitos en Colombia. Cespedia, **8**:93-96. [Not seen.]
- Barrow, J. H., Jr., J. M. Black, and W. B. Walter. 1986. Behaviour patterns and their function in the Horned Screamer. Wildfowl, **37**:156-162.
- Beltrán S., J. W., and L. G. Naranjo H. 1988. Adiciones a la avifauna de la Isla de Gorgona. Lozania (Acta Zoologica Colombiana), no. 56, 7 pp.
- Beltrán, [J.] W. 1984. Ave del mes; la Tijereta de Mar (*Fregata magnificens*). Rupicola, **4**(12):2-4.

- _____. 1988. El ave del mes; el Cabeciamarillo (*Agelaius icterocephalus*). *Rupicola*, 8(3-6):6-8.
- _____. 1992. First description of the nest and eggs of the Black Solitaire. *Wilson Bull.*, 104:551-552.
- _____. 1994. Natural history of the Plate-billed Mountain Toucan *Andigena laminirostris* in Colombia. Center for the Study of Tropical Birds, Misc. Publ., no. 2, 91 pp.
- Benalcázar, C. E., and F. Silva de Benalcázar. 1984. Historia natural del Gallo de Roca Andino. *Cespedesia*, 13:59-92.
- Bennett D., S. 1994. Las aves de la estación Caparú: una lista preliminar de especies. *Trianea (Act. Cient. Tecn. INDERENA)*, 5:379-400.
- Berlepsch, H. von. 1884. Untersuchungen über die vögel der umgegend von Bucaramanga in Neu Granada. *Journ. für Ornith.*, 32:273-320.
- _____. 1886. On some interesting additions to the avifauna of Bucaramanga, U. S. of Colombia. *Ibis*, 1886:53-57.
- Berlepsch, H. von, and E. Hartert. 1902. On the birds of the Orinoco region. *Novit. Zool.*, 9:1-134.
- Berlioz, J. 1974. Considerations sur le peuplement alticole des colibris (trochilidés) en Colombie. *Compte r. Séanc. Soc. Biogéogr.*, 50:16-19.
- Berlioz, J., and C. Jouanin. 1944. Liste des trochilidés trouvés dans les collections commerciales des Bogotá. *Oiseau*, 14:126-155.
- Betancur, P. 1994. El regreso de *Hypopyrrhus pyrohypogaster*. *Bol. SAO*, 5 [no. 9]:15-17.
- Blake, E. R. 1953. A Colombian race of *Tinamus osgoodi*. *Fieldiana: Zool.* [Chicago], 34:199-200.
- _____. 1955. A collection of Colombian game birds. *Fieldiana: Zool.* [Chicago], 37:9-23.
- _____. 1959. New and rare Colombian birds. *Lozania (Acta Zool. Colombiana)*, no. 11, pp. 1-10.

- _____. 1961. Notes on a collection of birds from northeastern Colombia. *Fieldiana: Zool.* [Chicago], **44**:25-44.
- _____. 1962. Birds of the Sierra Macarena, eastern Colombia. *Fieldiana: Zool.* [Chicago], **44**:69-112.
- Blokpoel, H., L.-G. Naranjo, and G. D. Tessier. 1984. Immature Little Gull in South America. A first record for the continent. *Amer. Birds*, **38**:372-373.
- Boggs, G. O. 1961. Notas sobre las aves de "El Centro" en el valle medio del Río Magdalena--Colombia (1). *Noved. Colombianas*, **1**:401-423.
- Bond, J. 1950. Results of the Catherwood-Chaplin West Indies Expedition, 1948. Part II. Birds of Cayo Largo (Cuba), San Andrés and Providencia. *Proc. Acad. Nat. Sci. Philadelphia*, **102**:43-68.
- Bond, J., and R. M. de Schauensee. 1938. Zoological results of the George Vanderbilt South Pacific expedition of 1937. Part II. - The birds of Malpelo Island, Colombia. *Proc. Acad. Nat. Sci. Philadelphia*, **90**:155-157.
- _____. 1940. On some birds from southern Colombia. *Proc. Acad. Nat. Sci. Philadelphia*, **92**:153-169.
- _____. 1942. Results of the fifth George Vanderbilt expedition. Part I. Description of a new species of vireo from St. Andrews Island, Colombia. *Notulae Naturae* [Philadelphia], no. 96, 2 pp.
- _____. 1944. Results of the fifth George Vanderbilt expedition (1941). The Birds. B. The birds of the islands of Old Providence and St. Andrews, and of the keys in the southwestern Caribbean outside the 100 fathom line. *Acad. Nat. Sci. Philadelphia, Monogr.* no. 6, pp. 10-21.
- Borja A., R. A. 1982. El ave del mes; el Chamón Maicero (*Molothrus bonariensis*). *Rupicola*, **2**(7):2-4.
- _____. 1984. Reporte de un garcero de *Bubulcus ibis* en Colombia. *Rupicola*, **4**(8):1-4.
- _____. 1990. Ciclo biológico e incidencia económica del Chamón Maicero o Jolofo (*Molothrus bonariensis cabanisii*). *Bol. SAO*, **1** [no. 2]:4-9.

- Borrero H., J. I. 1944. Tres patos ocasionales en la sabana de Bogotá y la laguna de Fúquene. *Caldasia*, 3:229-231.
- _____. 1945a. Aves migratorias en la sabana de Bogotá. *Caldasia*, 3:407-414.
- _____. 1945b. Aves migratorias en los parques y jardines de Bogotá. *Caldasia*, 3:415-418.
- _____. 1946. Aves ocasionales en la sabana de Bogotá. *Caldasia*, 4:169-173.
- _____. 1947. Aves ocasionales en la sabana de Bogotá y las lagunas de Fúquene y de Tota. *Caldasia*, 4:495-498.
- _____. 1952a. Algunas aves raras en la sabana de Bogotá. *Lozania* (Acta Zool. Colombiana), no. 1, pp. 7-12.
- _____. 1952b. Apuntes sobre aves Colombianas. *Lozania* (Acta Zool. Colombiana), no. 3, pp. 1-12.
- _____. 1953a. Status actual de *Zenaida auriculata* y *Leptotila plumbeiceps* en el departamento de Caldas y *Cistothorus apolinari* en la región de Bogotá. *Lozania* (Acta Zool. Colombiana), no. 6, pp. 1-6.
- _____. 1953b. Notas preliminares sobre hábitos alimenticios de Palomas Silvestres Colombianas. *Caldasia*, 6:75-80.
- _____. 1955. Apuntes sobre aves Colombianas (No. 2). *Lozania* (Acta Zool. Colombiana), no. 9, pp. 1-15.
- _____. 1958. Aves de caza Colombianas. *Rev. Univ. Nac. Colombia*, no. 23, pp. 111-168.
- _____. 1959. Notas aclaratorias sobre *Pteroglossus didymus* Sclater. *Lozania* (Acta Zool. Colombiana), no. 11, pp. 15-23.
- _____. 1960a. Notas sobre aves de la Amazonia y Orinoquia Colombianas. *Caldasia*, 8:485-514.
- _____. 1960b. Notas sobre *Schizoeaca fuliginosa* y descripción de una nueva subespecie. *Noved. Colombianas*, 1:238-242.
- _____. 1961. Notas sobre aves Colombianas. *Noved. Colombianas*, 1:427-429.

- _____. 1965. Notas sobre el comportamiento del Colibri Coli-rojo (*Amazilia tzacatl*) y el Mielero (*Coereba flaveola*), en Colombia. Hornero, **10**:247-250.
- _____. 1967. Notas sobre hábitos alimentarios de *Asio stygius robustus*. Hornero, **10**:445-447.
- _____. 1968a. Notas ecológicas sobre aves del Valle del Cauca. Bol. Depto. Biol., Universidad del Valle, **1**:5-11.
- _____. 1968b. Notas sobre aves del departamento del Valle del Cauca. Bol. Depto. Biol., Universidad del Valle, **1**:26-34.
- _____. 1968c. Notas sobre aves del Pacífico Colombiano. Bol. Depto. Biol., Universidad del Valle, **1**:35-45.
- _____. 1970a. Notas sobre asociaciones simbióticas entre aves y ganado. Depto. Biol., Universidad del Valle, **3**:39-46.
- _____. 1970b. Estudio preliminar sobre la Garza del Ganado (*Bubulcus ibis*) en Colombia. Act. IV Congr. Latin. Zool., **2**:699-732.
- _____. 1970c. A photographic study of the Potoo in Colombia. Living Bird, **9**:257-264.
- _____. 1972a. Aves de caza Colombianas. Universidad del Valle, Depto. Biol., 79 pp.
- _____. 1972b. Historia natural de la Garza del Ganado, *Bubulcus ibis*, en Colombia. Céspedesia, **1**:387-479.
- _____. 1972c. Historia natural del Titiribí, *Pyrocephalus rubinus* (Aves, Tyrannidae), en Colombia, con notas sobre su distribución. Mitt. Inst. Colombo-Alemán Investig. Cient., **6**:113-133.
- _____. 1972d. Explotación de las flores de Guayacán (*Tabebuia chrysantha*) por varias especies de aves y insectos. Biotropica, **4**:28-31.
- _____. 1973. Sobre la historia natural de la Viudita *Fluvicola pica* (Boddaert) (Tyrannidae). Ardeola, **19**:69-87.

- _____. 1974. Notes on the structure of the upper eyelid of potoos (*Nyctibius*). Condor, **76**:210-211.
- _____. 1980. Notas sobre el comportamiento del Perico de Pluma (*Nyctibius griseus*). Lozania (Acta Zool. Colombiana), no. 32, 6 pp
- _____. 1981. Una nueva ave marina para Colombia. El Petrel del Cabo, *Daption capense*. Rupicola, **1**(5):4.
- _____. 1983. Notas sobre aves de la Amazonia (Caquetá). Acta Biol. Colombiana, **1**[1982]:77-97.
- Borrero H., J. I., and C. A. Cruz M. 1983. Notas sobre la historia de la Garza Morena, *Ardea cocoi* (Aves) en Colombia. Acta Biol. Colombiana, **1**[1982]:51-75.
- Borrero H., J. I., and J. Hernández C. 1957a. Notas sobre aves Colombianas; dos nuevas aves para la avifauna Colombiana. Caldasia, **7**:357-358.
- _____. 1957b. Informe preliminar sobre aves y mamíferos de Santander, Colombia. Anal. Soc. Biología, Bogotá, **7**(5):197-230.
- _____. 1958. Apuntes sobre aves Colombianas. Caldasia, **8**:253-294.
- _____. 1961. Notas sobre aves de Colombia y descripción de una nueva subespecie de *Forpus conspicillatus*. Noved. Colombianas, **1**:430-445.
- Borrero H., J. I., and A. Olivares. 1955. Avifauna de la región de Soatá, Departamento de Boyacá, Colombia. Caldasia, **7**:51-81.
- Borrero H., J. I., A. Olivares, and J. Hernández C. 1962. Notas sobre aves de Colombia. Caldasia, **8**:585-601.
- Botero, J. E. 1991. El Sumne, Guayaiz o Pato Real. Bol. SAO, **2** [no. 3]:15-16.
- _____. 1994. ¿Vienen los Barraquetes a Veranear a Colombia? Bol. SAO, **5** [no. 10]:4-7.
- Botero, J. E., and D. H. Rusch. 1994. Foods of Blue-winged Teal in two neotropical wetlands. Journ. Wildlife Management, **58**:561-565.

- Boucard, A. 1892. A complete list up to date of the humming-birds found in Columbia [sic], with descriptions of several supposed new species. *Humming Bird*, 2:73-87.
- Bourcier, M. 1843. Description de deux nouvelles espèces d'oiseaux mouches de Colombie. *Rev. Zool. [Paris]*, 6:2.
- Brooker, J. A. 1969. An exile in South America. Bird watching in Bogotá, Columbia [sic]. *Bokmakierie*, 21:92-93.
- Brown, W. W., Jr. 1905. Vertebrata of Gorgona Island, Colombia. II. Physical aspect and climate; fauna. *Bull. Mus. Comp. Zool., Harvard*, 46:88-89.
- Buenaventura G., A. 1983. Ave del mes; Canario de Tejado (*Sicalis flaveola*). *Rupicola*, 3(3):2-3.
- Burton, P. J. K. 1973. Non-passerine bird weights from Colombia and Panama. *Bull. Brit. Ornith. Club*, 93:116-118.
- _____. 1975. Passerine bird weights from Panama and Colombia, with some notes on "soft-part" colours. *Bull. Brit. Ornith. Club*, 95:82-86.
- Buttkus, E. 1981. Actividades de la SVO. *Rupicola*, 1(5):5-6.
- _____. 1982. Ave del mes; el Cernicalo (*Falco sparverius*). *Rupicola*, 2(8):2-3.
- Cantera K., J. R. 1985. El Penguino Emperador (*Aptenodytes forsteri*). *Rupicola*, 5(5-6):8-10.
- Cantillo F., G. 1983. Lista de especímenes en las colecciones ornitológicas del Instituto Vallecaucano de Investigaciones Científicas, INCIVA y la Universidad del Valle. *Cespedesia*, 12:73-104.
- Carriker, M. A., Jr. 1954. Additions to the avifauna of Colombia. *Noved. Colombianas*, no. 1, pp. 14-19.
- _____. 1955. Notes on the occurrence and distribution of certain species of Colombian birds. *Noved. Colombianas*, no. 2, pp. 48-64.
- _____. 1959a. New records of rare birds from Nariño and Cauca and notes on others. *Noved. Colombianas*, 1:196-199.

- _____. 1959b. Itinerario del autor durante sus recolecciones en la región de Santa Marta, Colombia de junio de 1911 a octubre de 1918. *Noved. Colombianas*, 1:214-222.
- _____. 1960. Itinerario del autor durante sus recolecciones en la región de Santa Marta, Colombia de junio de 1911 a octubre de 1918. *Noved. Colombianas*, 1:330-335.
- _____. 1967. Carriker on mallophaga. Posthumous papers, catalog of forms described as new, and bibliography. K. C. Emerson, ed. *Bull. U. S. Nat. Mus.*, 248:1-lx + 1-150.
- Cassin, J. 1860. Catalogue of birds collected during a survey of a route for a ship canal across the Isthmus of Darien, by order of the government of the United States, made by Lieut. N. Micher, of the U. S. Topographical Engineers, with notes and descriptions of new species. *Proc. Acad. Nat. Sci. Philadelphia*, 12:132-144, 188-197.
- _____. 1861. XIII. Appendix F. Zoology - Birds, pp. 219-254. In Michler, Report on a survey of a route for a canal across the Isthmus of Darien, December 3, 1857 to March 2, 1858. U. S. Gov't. Serial Set No. 1085, 36th Congress, 1860-61 session.
- Castro H., F. 1982. El ave del mes; el Mirlo Acuático (*Cinclus leucocephalus*). *Rupicola*, 2(6):2-3.
- Castro, F., and L. G. Naranjo. 1982. Pericos Australianos en libertad! *Rupicola*, 2(5):5-6.
- Chapman, F. M. 1912. Diagnoses of apparently new Colombian birds. *Bull. Amer. Mus. Nat. Hist.*, 31:139-166.
- _____. 1914a. Diagnoses of apparently new Colombian birds, II. *Bull. Amer. Mus. Nat. Hist.*, 33:167-192.
- _____. 1914b. Diagnoses of apparently new Colombian birds, III. *Bull. Amer. Mus. Nat. Hist.*, 33:603-637.
- _____. 1915a. Descriptions of proposed new birds from Central and South America. *Bull. Amer. Mus. Nat. Hist.*, 34:363-388.
- _____. 1915b. Diagnoses of apparently new Colombian birds. IV. *Bull. Amer. Mus. Nat. Hist.*, 34:635-662.

- _____. 1917. The distribution of bird-life in Colombia; a contribution to a biological survey of South America. *Bull. Amer. Mus. Nat. Hist.*, **36**, 729 pp.
- _____. 1919. Descriptions of proposed new birds from Peru, Bolivia, Brazil, and Colombia. *Proc. Biol. Soc. Washington*, **32**:253-268.
- _____. 1921. Descriptions of proposed new birds from Colombia, Ecuador, Peru, and Brazil. *Amer. Mus. Novit.*, no. 18, 12 pp.
- _____. 1922. Descriptions of apparently new birds from Colombia, Ecuador, and Argentina. *Amer. Mus. Novit.*, no. 31, 8 pp.
- _____. 1923a. Descriptions of proposed new birds from Venezuela, Colombia, Ecuador, Peru, and Chile. *Amer. Mus. Novit.*, no. 96, 12 pp.
- _____. 1923b. Descriptions of proposed new birds from Panama, Venezuela, Ecuador, Peru, and Bolivia. *Amer. Mus. Novit.*, no. 67, 12 pp.
- _____. 1924a. Descriptions of new flycatchers from Colombia, Ecuador, and Peru. *Amer. Mus. Novit.*, no. 118, 11 pp.
- _____. 1924b. Descriptions of new birds from Ecuador, Colombia, Peru, and Bolivia. *Amer. Mus. Novit.*, no. 138, 16 pp.
- _____. 1924c. Descriptions of new birds from Colombia, Ecuador, Peru, and Bolivia. *Amer. Mus. Novit.*, no. 143, 16 pp.
- _____. 1925. Descriptions of new birds from Colombia, Ecuador, Peru, and Argentina. *Amer. Mus. Novit.*, no. 160, 11 pp.
- _____. 1926. The distribution of bird-life in Ecuador. *Bull. Amer. Mus. Nat. Hist.*, **55**, 784 pp.
- _____. 1927. Descriptions of new birds from northwestern Peru and western Colombia. *Amer. Mus. Novit.*, no. 250, 7 pp.
- Cherrie, G. K. 1916. A contribution to the ornithology of the Orinoco region. *Sci. Bull., Mus. Brooklyn Inst. Arts and Sciences*, **2**(6):133-374.

- Chipley, R. M. 1976. The impact of wintering migrant wood warblers on resident insectivorous passerines in a subtropical Colombian oak woods. *Living Bird*, **15**:119-141.
- _____. 1980. Nonbreeding ecology of the Blackburnian Warbler, pp. 309-317. *In* A. Keast and E. S. Morton, *Migrant Birds in the Neotropics: Ecology, Behavior, Distribution, and Conservation*. Smithsonian Inst. Press.
- Chirivi Gallego, H. 1988. Fauna tetrapoda y algunos aspectos ecológicos de los cayos del Archipiélago de San Andrés y Providencia, Columbia. *Trianea (Acta Cient. Tecn.INDERENA)*, **2**:277-337.
- Coesel, P. F. M., S. R. Duque, and G. Arango. 1988. Distributional patterns in some neotropical desmid species (Algae, Chlorophyta) in relation to migratory bird routes. *Rev. Hydrobiol. Trop.*, **21**:197-205.
- Conover, H. B. 1938. A new pigeon from Colombia. *Field Mus. Nat. Hist. Publ., Zool. Ser.*, **20**(36):477-478.
- _____. 1945. A new race of *Penelope argyrostris* from Colombia. *Proc. Biol. Soc. Washington*, **58**:125-126.
- Cooke, M. T. 1941. Returns from banded birds: recoveries of some banded birds of prey. *Bird-banding*, **12**:150-160.
- Cory, C. B. 1887. A list of the birds taken by Mr. Robert Henderson, in the islands of Old Providence and St. Andrews, Caribbean Sea, during the winter of 1886-87. *Auk*, **4**:180-181.
- Cuadros, T. 1988. Aspectos ecológicos de la comunidad de aves en un bosque nativo en la cordillera central en Antioquia (Colombia). *Hornero*, **13**:8-20.
- _____. 1991a. Un caso de saqueo del Papamoscas Pirata. *Bol. SAO*, **2** [no. 3]:11-15.
- _____. 1991b. Registro visual del Cuco Terrestre Piquirrojo (*Neomorphus pucheranii*) en Colombia. *Bol. SAO*, **2** [no. 4]:26-27.
- _____. 1992. Resultados del conteo anual de aves de Medellín, *Bol. SAO*, **3** [no. 6]:6-11.

- _____. 1993a. La nueva filogenia y las aves de Colombia. Bol. SAO, 4 [no. 7]:13-16.
- _____. 1993b. Resultado del conteo anual de aves en Medellín. Bol. SAO, 4 [no. 8]:25-32.
- _____. 1993c. Distribución ecológica de la avifauna de Araracuara (Amazonas). Rev. I. C. N. E., 4:15-30.
- Dahl, G., and F. Medem. 1964. Los patos silvestres y los Pelecaniformes de Río Sinú. In Informe sobre la fauna acuática del Río Sinú. Corporación Autonoma regional de los Valles del Magdalena y de Sinú, CVM, pp. 153-160.
- Dalmas, Comte R. de. 1901. [Descriptions of two new species of *Calliste*.] Bull. Brit. Ornith. Club, 11:35-36.
- Darlington, P. J., Jr. 1931. Notes on birds from Río Frío (near Santa Marta), Magdalena, Colombia. Bull. Mus. Comp. Zool., Harvard, 71:349-421.
- de Kondo, T. 1986. El ave del mes; (*Cacicus cela*) la Avispa Amiga de los Arrendajos. Rupicola, 6(1-2):11-12.
- _____. 1987. El ave del mes; el Pájaro Vaco (*Tigrisoma lineatum*). Rupicola, 7(3-4):7-8.
- _____. 1988. El ave del mes: las Gallinas de Monte. Rupicola, 8(1-2):7-8.
- Delattre, A., and J. Bourcier. 1846. [Description de quinze espèces nouvelles de Trochilidées . . .]. Rev. Zool. [Paris], 9:305-312.
- de Schauensee, M. R. 1942. A new *Muscisaxicola* from Colombia. Notulae Naturae [Philadelphia], no. 98, 2 pp.
- _____. 1944a. Notes on Colombian parrots. Notulae Naturae [Philadelphia], no. 140, 5 pp.
- _____. 1944b. Notes on Colombian woodpeckers, with the description of a new form. Notulae Naturae [Philadelphia], no. 141, 3 pp.
- _____. 1944c. Notes on Colombian birds, with a description of a new form of *Zenaida*. Notulae Naturae [Philadelphia], no. 144, 4 pp.

- _____. 1945a. Notes on Colombian birds. *Proc. Acad. Nat. Sci. Philadelphia*, **97**:1-16.
- _____. 1945b. Notes on Colombian flycatchers, manakins and cotingas. *Proc. Acad. Nat. Sci. Philadelphia*, **97**:41-57.
- _____. 1945c. Notes on Colombian antbirds, ovenbirds, and woodhewers, with the description of a new form from Peru. *Notulae Naturae* [Philadelphia], no. 153, 15 pp.
- _____. 1946a. Colombian zoological survey, Part II. Notes on Colombian crows, wrens, and swallows. *Notulae Naturae* [Philadelphia], no. 161, 14 pp.
- _____. 1946b. Colombian zoological survey. Part III. Notes on Colombian birds. *Notulae Naturae* [Philadelphia], no. 163, 9 pp.
- _____. 1946c. Colombian zoological survey. Part IV. Further notes on Colombian birds, with the description of new forms. *Notulae Naturae* [Philadelphia], no. 167, 13 pp.
- _____. 1946d. A new species of wren from Colombia. *Notulae Naturae* [Philadelphia], no. 182, 2 pp.
- _____. 1947a. On the genera *Automolus* (Furnariidae) and *Myrmeciza* (Formicariidae) in Colombia. *Notulae Naturae* [Philadelphia], no. 186, 5 pp.
- _____. 1947b. New or little-known Colombian birds. *Proc. Acad. Nat. Sci. Philadelphia*, **99**:107-126.
- _____. 1948a. The birds of the Republic of Colombia. Part I. *Caldasia*, **5**:251-380.
- _____. 1948b. Two new subspecies of birds from western Colombia. *Notulae Naturae* [Philadelphia], no. 209, 4 pp.
- _____. 1949. The birds of the Republic of Colombia. Part 2. *Caldasia*, **5**:381-644.
- _____. 1950a. The birds of the Republic of Colombia. Part 3. *Caldasia*, **5**:645-871 (+ errata et corrigenda).

- _____. 1950b. Colombian zoological survey. Part V. New birds from Colombia. *Notulae Naturae* [Philadelphia], no. 221, 13 pp.
- _____. 1950c. Colombian zoological survey. Part VII. A collection of birds from Bolívar, Colombia. *Proc. Acad. Nat. Sci. Philadelphia*, **102**:111-139.
- _____. 1951a. The birds of the Republic of Colombia. Part 4. Caldasia, **5**:873-1112.
- _____. 1951b. Colombian zoological survey. Part VIII. On birds from Nariño, Colombia, with the description of four new subspecies. *Notulae Naturae* [Philadelphia], no. 232, 6 pp.
- _____. 1951c. Colombian zoological survey. Part IX. A new species of ant-bird (*Phlegopsis*) from Colombia. *Notulae Naturae* [Philadelphia], no. 241, 3 pp.
- _____. 1952a. The birds of the Republic of Colombia (addenda and corrigenda). Part 5. Caldasia, **5**:1115-1214.
- _____. 1952b. Colombian zoological survey. Part X. A collection of birds from southeastern Nariño, Colombia. *Proc. Acad. Nat. Sci. Philadelphia*, **104**:1-33.
- _____. 1959. Additions to the "Birds of the Republic of Colombia." *Proc. Acad. Nat. Sci. Philadelphia*, **111**:53-75.
- _____. 1960. A new race of *Hyloctistes subulatus* (Furnariidae) from Colombia. *Notulae Naturae* [Philadelphia], no. 332, 2 pp.
- _____. 1964. Birds of Colombia. Livingston Press, Narbeth, Pennsylvania, 430 pp.
- _____. 1967. *Eriocnemis mirabilis*, a new species of hummingbird from Colombia. *Notulae Naturae* [Philadelphia], no. 402, 2 pp.
- Díaz, J. M., and J. E. Botero. 1988. Primer registro de reproducción del Ostrero, *Haematopus palliatus* (Aves: Haematopodidae), en Colombia. *Trianea* (Act. Cient. Tech. INDERENA), **2**:497-500.

- Díaz, M. F. G. Stiles, and J. L. Tellería. 1995. La comunidad de aves en un gran claro permanente de la selva amazónica: la Sierra de Chiribiquete (Colombia). *Ardeola*, **42**:191-200.
- Díaz, M., and J. L. Tellería. 1996. Granivorous birds in a stable and isolated open habitat within the Amazonian rainforest. *J. Trop. Ecology*, **12**:419-425.
- Dick, J. A. 1991. Grey-tailed Piha in Colombia. *Bull. Brit. Ornith. Club*, **111**:172.
- Donahue, P. K. 1974. Note on Gull-billed Tern. *Auk*, **91**:845.
- _____. 1977. Reddish Egret and Herring Gull in Caribbean Colombia. *Amer. Birds*, **31**:286.
- Dugand, A. 1939. Aves de la región Magdaleno-Caribe. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **2**:524-542.
- _____. 1940a. Aves de la región Magdaleno-Caribe. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **3**:47-65.
- _____. 1940b. Aves de la región Magdaleno-Caribe. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **3**:212-238.
- _____. 1940c. Aves de la región Magdaleno-Caribe. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **3**:373-384.
- _____. 1940d. Aves de la region Magdaleno-Caribe. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **4**:25-37.
- _____. 1941a. Adiciones a la lista de aves conocidas en Colombia. *Caldasia*, **1**:53-61.
- _____. 1941b. Monografías ornitológicas Colombianas: Ramphastidae. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **4**:356-362.
- _____. 1941c. Clave analítica artificial de las rapaces (Accipitridae y Falconidae) Colombianas. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **4**:394-404.
- _____. 1942. Monografías ornitológicas Colombianas: Trogonidae. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **5**:69-75.

- _____. 1943a. Dos nuevas aves de Colombia. *Caldasia*, 2:191-198.
- _____. 1943b. *Colinus cristatus*: clave analítica y distribución geográfica de las subespecies conocidas en Colombia. *Caldasia*, 2:199-204.
- _____. 1945a. Notas ornitológicas Colombianas, I. *Caldasia*, 3:337-341.
- _____. 1945b. Notas ornitológicas Colombianas, II. *Caldasia*, 3:397-406.
- _____. 1946. Notas ornitológicas Colombianas, III. *Caldasia*, 4:277-280.
- _____. 1947a. Aves marinas de las costas e islas Colombianas. *Caldasia*, 4:379-398.
- _____. 1947b. Hallazgo del falaropodo de Wilson (*Steganopus tricolor*) en Colombia. *Caldasia*, 4:399-401.
- _____. 1947c. Aves del departamento del Atlántico, Colombia. *Caldasia*, 4:499-648.
- _____. 1948a. Notas ornitológicas Colombianas, IV. *Caldasia*, 5:157-199.
- _____. 1948b. Notas sobre el catálogo general de las aves de Colombia. *Caldasia*, 5:247-249.
- _____. 1951a. Descubrimiento de *Cathartes burrovianus* Cassin en Colombia. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, 8:154-156.
- _____. 1951b. Notas ornitológicas Colombianas, V. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, 8:157-163.
- _____. 1952. Algunas aves del Río Apaporis. *Lozania (Acta Zool. Colombiana)*, no. 4, pp. 1-12.
- _____. 1954. *Bulbulcus ibis ibis* (Linnaeus) en Colombia. *Lozania (Acta Zool. Colombiana)*, no. 8, pp. 1-7.
- _____. 1955. Nuevas observaciones sobre *Bulbulcus ibis* en Colombia. *Caldasia*, 7:83-87.
- Dugand, A., and J. I. Borrero H. 1946. Aves de la ribera colombiana del Amazonas. *Caldasia*, 4:131-167.

- _____. 1948. Aves de la confluencia del Caquetá y Orteguaza (base aerea de Tres Esquinas), Colombia. *Caldasia*, **5**:115-156.
- Dugand, A., and E. Eisenmann. 1983. Rediscovery of, and new data on, *Molothrus armenti* Cabanis. *Auk*, **100**:991-992.
- Dugand, A., and W. H. Phelps. 1946. El status geográfico de las aves de Maipures (Colombia). *Caldasia*, **4**:243-276.
- _____. 1948. Aves de la ribera Colombiana del Río Negro (frontera de Colombia y Venezuela). *Caldasia*, **5**:225-245.
- Duque, A. 1982a. El ave del mes; el Tente (*Psophia crepitans*). *Rupicola*, **2**(1):2-3.
- _____. 1982b. El ave del mes; el Barranquero (*Momotus momota*). *Rupicola*, **2**(11):2-3.
- Easterla, D. A., and W. George. 1970. Marbled Godwit and Yellow-throated Warbler in Colombia, South America. *Condor*, **72**:473.
- Echeverri E., H. 1986. Avifauna Parcial, Parque "Las Orquídeas." INDERENA. Ediciones Gráficas Ltd., Medellín, Columbia. xxiv + 239 pp.
- Eisenmann, E., and F. C. Lehmann V. 1962. A new species of swift of the genus *Cypseloides* from Colombia. *Amer. Mus. Novit.*, no. 2117, 16 pp.
- Elias, D. J., and D. Valencia G. 1982. Unusual feeding behavior by a population of Black Vultures. *Wilson Bull.*, **94**:214.
- Fisher, A. K., and A. Wetmore. 1931. Report on birds recorded by the Pinchot Expedition of 1929 to the Caribbean and Pacific. *Proc. U. S. Nat. Mus.*, **79**(10):1-23.
- Fitzpatrick, J. W., and D. E. Willard. 1982. Twenty-one bird species new or little known from the Republic of Colombia. *Bull. Brit. Ornith. Club.*, **102**:153-158.
- Fjeldså, J. 1986. Color variation in the Ruddy Duck (*Oxyura jamaicensis andina*). *Wilson Bull.*, **98**:592-594.

- _____. 1993. The decline and probable extinction of the Colombian Grebe *Podiceps andinus*. *Bird Conserv. Intern.*, **3**:221-234.
- Fjeldså, J., and C. E. Barbosa C. 1983. A giant hummingbird from Páramo de Chingaza, Colombia. *Wilson Bull.*, **95**:661-662.
- Franke-Ante, R., and L. G. Naranjo. 1994. Primer registro del Penguino de Magallanes en costas Colombinas. *Trianea (Act. Cient. Tecn.INDERENA)*, **5**:401-406.
- Friedmann, H. 1947. Colombian birds collected by Brother Nicéforo. *Caldasia*, **4**:471-494.
- _____. 1948. Birds collected by the National Geographic Society's expeditions to northern Brazil and southern Venezuela. *Proc. U. S. Nat. Mus.*, **97**:373-569.
- _____. 1957. The rediscovery of *Tangavias armenti* (Cabanis). *Auk*, **74**:497-498.
- Gandy, D. and P. Salaman. 1994. Notes on the guans of south-west Colombia. *World Pheasant Assoc. News*, **44**:31-34. [Not seen.]
- García, J. C. P. 1925. Avifauna Colombiana (catálogo de nombres vulgares y técnicos de 200 especies). *Bol. Soc. Colombiana Cienc. Nat.*, **14**(83):163-171.
- Gertler, P. E. 1977. Hooded Antpitta (*Grallaricula cucullata*) in the Eastern Andes of Colombia. *Condor*, **79**:389.
- Gilliard, E. T. 1942. The Cordillera Macarena, Colombia. *Geogr. Rev.*, **32**:463-470.
- Giraldo C., D. A. and M. G. Ramírez G. 1992. Algunos aspectos estructurales de una comunidad de aves, en un área de la Universidad de Antioquia. *Bol. SAO*, **3** [no. 6]:12-18.
- Gochfeld, M., and G. S. Keith. 1974. A sight record of the Chestnut-breasted *Chlorophonia* from central Peru. *Amer. Birds*, **28**:960, 962.
- Gochfeld, M., S. Keith, and P. Donahue. 1980. Records of rare or previously unrecorded birds from Colombia. *Bull. Brit. Ornith. Club*, **100**:196-201.

- Gómez, A. 1990. Las aves mas amenazadas en America Latina. Los cracidos. Bol. SAO, 1 [no.1]:28-29.
- Gómez, L. G., D. C. Houston, P. Cotton, and A. Tye. 1994. The role of Greater Yellow-headed Vultures *Cathartes melambrotus* as scavengers in neotropical forest. Ibis, **136**:193-196.
- Goodfellow, W. 1901. Results of an ornithological journey through Colombia and Ecuador. Ibis, 1901:300-319, 458-480, 699-715.
- . 1902. Results of an ornithological journey through Colombia and Ecuador. Ibis, 1902:56-67, 207-233.
- Gorman, G. C., and T. L. Chorba. 1975. Terrestrial biology of Malpelo Island: a historical review. Biological Investigation of Malpelo Island, Colombia. Smiths. Contrib. Zool., no. 176, pp. 9-12.
- Goudot, J. 1843. Note sur la nidification du *Rupicola peruviana* et de l'*Eurypyga phalenoides*. Rev. Zool. [Paris], **6**:1-2.
- Granados D., H., and L. Ramírez C. 1978. Reserva Natural "Laguna de Sonso." Univers. del Cauca, Popayán, 67 pp.
- Graves, G. R. 1980. A new subspecies of *Diglossa (carbonaria) brunneiventris*. Bull. Brit. Ornith. Club, **100**:230-232.
- . 1986. Geographic variation in the White-mantled Barbet (*Capito hypoleucus*) of Colombia (Aves: Capitonidae). Proc. Biol. Soc. Washington, **99**:61-64.
- . 1988a. Trans-Andean population of the Large-headed Flatbill *Ramphotrigon megacephala*. Bull. Brit. Ornith. Club., **108**:186-187.
- . 1988b. *Phylloscartes lanyoni*, a new species of Bristle-tyrant (Tyrannidae) from the lower Cauca Valley of Colombia. Wilson Bull., **100**:529-534.
- . 1990. A new subspecies of *Diglossa gloriosissima* (Aves: Thraupinae) from the western Andes of Colombia. Proc. Bio. Soc. Washington, **103**:962-965.
- . 1993. Relic of a lost world: a new species of Sunangel (Trochilidae: *Heliangelus*) from "Bogotá." Auk, **110**:1-8.

- Graves, G. R., and G. Arango. 1988. Nest-site selection, nest, and eggs of the Stout-billed Cinclodes (*Cinclodes excelsior*), a high Andean Furnariid. Condor, **90**:251-253.
- Graves, G. R., and J. A. Giraldo O. 1987. Population status of the Rufous-fronted Parakeet (*Bolborhynchus ferrugineifrons*), a Colombian endemic. Gerfaut, **77**:89-92.
- Graves, G. R., and D. U. Restrepo. 1989. A new allopatric taxon in the *Hapalopsittaca amazonina* (Psittacidae) superspecies from Colombia. Wilson Bull. **101**:369-376.
- Graves, G. R., and R. L. Zusi. 1990. An intergeneric hybrid hummingbird (*Heliodoxa leadbeateri* X *Heliangelus amethysticollis*) from northern Colombia. Condor, **92**:754-760.
- Gyldenstolpe, N. 1941. On some new or rare birds chiefly from southwestern Colombia. Arkiv Zool., **33A**(6), 17 pp.
- Haffer, J. 1959. Notas sobre las aves de la región de Urabá (1). Lozania (Acta Zool. Colombiana), no. 12, pp. 1-49.
- _____. 1961a. A new subspecies of woodpecker from northern Colombia: *Picumnus cinnamomeus persaturatus*, subsp. nova. Noved. Colombianas, **1**:397-400 [+ addendum, 1964, privately printed].
- _____. 1961b. Notas sobre la avifauna de la Península de la Guajira. Noved. Colombianas, **1**:374-396.
- _____. 1967a. Some allopatric species pairs of birds in northwestern Colombia. Auk, **84**:343-365.
- _____. 1967b. Speciation in Colombian forest birds west of the Andes. Amer. Mus. Novit., no. 2294, 57 pp.
- _____. 1967c. On birds from the northern Chocó region, N.W.-Colombia. Veröff. Zool. Staatssamml. München, **11**:123-149.
- _____. 1967d. On the dispersal of highland birds in tropical South and Central America. Hornero, **10**:436-438.

- _____. 1968. Über die entstehung der nordlichen Anden und das vermutliche alter columbianischer vogelarten. Journ. für Ornith., **109**:67-69.
- _____. 1969. Vögel des Urwalds. Beobachtungen an Vögeln des Kolumbianischen Urwalds. Zeitsch. Vogelkunde, Feldornithologie, Vogelshutz, Vogelpflege und Verhalten der Vogel Schriftleitung, **10**:336-337.
- _____. 1970. Geologic-climatic history and zoogeographic significance of the Urabá region in northwestern Colombia. Caldasia, **10**:603-636.
- _____. 1975. Avifauna of northwestern Colombia, South America. Bonn. Zool. Monogr., no. 7, 182 pp.
- _____. 1986. On the avifauna of the upper Patia valley, southwestern Colombia. Caldasia, **15**:533-553.
- Haffer, J., and J. I. Borrero H. 1965. On birds from northern Colombia. Rev. Biol. Trop. Costa Rica, **13**:29-53.
- Hays, H. 1971. Roseate Tern, *Sterna dougallii*, banded on Atlantic coast recovered on Pacific. Bird-banding, **42**:295.
- Hellmayr, C. E. 1911. A contribution to the ornithology of western Colombia. Proc. Zool. Soc. London, 1911:1084-1213.
- Heredia, M. D. 1984. El ave del mes; [Caracolero, *Rosthramus sociabilis*]. Rupicola, **4**(7):6-8.
- _____. 1985. El ave del mes; el Mosquitero (*Todirostrum cinereum*). Rupicola, **5**(3-4):6-8.
- Heredia, M. D., and H. Alvarez-López. 1988. El ave del mes; Jacamar Rabirrufo (*Galbula ruficauda* (Galbulidae)). Rupicola, **8**(9-10):5-8.
- _____. 1989 [1990]. El ave del mes; *Euphonia musica*. Rupicola, **10**(5-6):5-7.
- Hernández C., J. I., and J. V. Rodríguez M. 1979. Dos nuevos taxos del genero *Grallaria* (Aves: Formicariidae) del alto valle del Magdalena (Colombia). Caldasia, **12**:573-580.
- _____. 1986. Status geográfico y taxonómico de *Molothrus armenti* Cabanis 1851 (Aves: Icteridae). Caldasia, **15**:654-664.

Hernández C., J. I., and H. Romero Z. 1978. Descripción de una nueva subespecie de *Momotus momota* para Colombia. *Caldasia*, **12**:353-358.

Hilty, S. L. 1977. *Chlorospingus flavovirens* rediscovered, with notes on other Pacific Colombian and Cauca Valley birds. *Auk*, **94**:44-49.

_____. 1980. Relative abundance of north temperate zone breeding migrants in western Colombia and their impact at fruiting trees, pp. 265-271. In A. Keast and E. S. Morton, *Migrant Birds in the Neotropics: Ecology, Behavior, Distribution, and Conservation*. Smithsonian Inst. Press.

_____. 1985. Distributional changes in the Colombian avifauna: a preliminary blue list. In P. A. Buckley, et. al., eds., *Neotropical Ornithology*, AOU Monogr., no. 36, pp. 1000-1012.

Hilty, S. L., and W. L. Brown. 1983. Range extensions of Colombian birds as indicated by the M. A. Carriker Jr. collection at the National Museum of Natural History, Smithsonian Institution. *Bull. Brit. Ornith. Club*, **103**:5-17.

_____. 1986. *A Guide to the Birds of Colombia*. Princeton Univ. Press, Princeton, NJ, xiv + 836 pp.

Hilty, S. L., and J. R. Silliman. 1983. Puracé National Park, Colombia. *Amer. Birds*, **37**:247-256.

Hinkelmann, C., 1987. Zum Status des Roststirnsittichs. *Trochilus*, **8**:142.

_____. 1988a. Der Nationalpark Tayrona in Kolumbien. *Trochilus*, **9**:7-14.

_____. 1988b. Zur situation des Roten Flamingos (*Phoenicopterus ruber ruber*) in Kolumbien. *Trochilus*, **9**:131-132.

_____. 1989. *Phylloscartes lanyoni* -- eine neue Tyrannenart aus Kolumbien mit einer grossen, aber wenig bekannten Verwandtschaft. *Trochilus*, **10**:108.

Hoyos, C. A. 1984. La Torcaza Nagüiblanca: un ave problema. *Rupicola*, **4**(9):1-4.

- Iafrancesco V., G. M. and C. L. Mateus P. 1984. Contribución al estudio de la ornitología de Colombia. Bol. Cient. Mus. Cienc. Nat. U. La Salle, 1: pp.55-? [Not seen.]
- Iafrancesco V., G. M., C. L. Mateus P., and C. E. Martínez S. 1988. Contribución al Estudio de los Passeriformes Rhinocryptidos y Cotingidos de Colombia. Entregas No. 4 y No. 5. Bol. Cient. Mus. Cienc. Nat. U. La Salle, 3(1):103-141.
- Iafrancesco V., G. M., C. L. Mateus P., and G. Oviedo P. 1985. Contribución al estudio de los Passeriformes Dendrocolaptidos de Colombia. Entrega 1. Bol. Cient. Mus. Cienc. Nat. U. La Salle, 1:25-65.
- _____. 1986. Contribución al Estudio de los Passeriformes Furnariidos de Colombia. Entrega 2. Bol. Cient. Mus. Cienc. Nat. U. La Salle, 2:37-82.
- _____. 1987. Contribución al Estudio de los Passeriformes Formicariidos de Colombia. Entrega 3. Bol. Cient. Mus. Cienc. Nat. U. La Salle, 2:63-144.
- Iafrancesco V., G. M., C. L. Mateus P., and L. E. Umbacia C. 1989. Contribución al Estudio de los Passeriformes Rupicolidos y Pípidos de Colombia. Entregas No. 6 y No. 7. Bol. Cient. Mus. Cienc. Nat. U. La Salle, 3:127-156.
- Jaramillo de Olarte, L. 1993. Aves de Colombia. DeJelas Volar. 288 pp. Fondo Filantrópico, Santa Fe de Bogotá. [Not seen.]
- Johnels, S. A., and T. C. Cuadros. 1986. Species composition and abundance of bird fauna in a disturbed forest in the central Andes of Colombia. Hornero, 12:235-241.
- Johnson, T. B. 1980. Resident and North American migrant bird interactions in the Santa Marta highlands, northern Colombia, pp. 239-247. In A. Keast and E. S. Morton, Migrant Birds in the Neotropics: Ecology, Behavior, Distribution, and Conservation. Smithsonian Inst. Press.
- Kattan, G. H. 1981. El ave del mes; el Carpintero de los Robles (*Melanerpes formicivorus*). Rupicola, 1(4):2-3.
- _____. 1982a. Los Aztecas y las aves (I). Rupicola, 2(3):4-5.
- _____. 1982b. Los Aztecas y las aves (II). Rupicola, 2(4):4-5.

- _____. 1982c. Los Chamones (*Crotophaga* spp.). *Rupicola*, 2(10):2-4.
- _____. 1985. El ave del mes; el Carpintero de los Robles (*Melanerpes formicivorus*). *Rupicola*, 5(11-12):9-12.
- _____. 1987. El hábito de ciertos vertebrados de robar savia de los árboles. *Rupicola*, 7(3-4): 1-3, 6.
- _____. 1988. Food habits and social organization of Acorn Woodpeckers in Colombia. *Condor*, 90:100-106.
- _____. 1992. Rarity and vulnerability: the birds of the Cordillera Central of Colombia. *Conserv. Biol.*, 6:64-70.
- _____. 1993. Huevos albinos en una población tropical de *Troglodytes aedon*. *Hornero*, 13:305-306.
- _____. 1995. Brown-banded Antpitta rediscovered. *Cotinga*, no. 3, pp. 8-9.
- Kattan, G. H., H. Alvarez-López, and M. Giraldo. 1994. Forest fragmentation and bird extinctions: San Antonio eighty years later. *Conserv. Biol.*, 8:138-146.
- Kattan, G. H., and N. Gómez. 1992. Body temperature of Spectacled Parrotlet nestlings in relation to body mass and brood size. *Condor*, 94:280-282.
- Kattan, G. H., and C. Murcia. 1985. Hummingbird association with Acorn Woodpecker sap trees in Colombia. *Condor*, 87:542-543.
- Koester [Köster], F. 1982. Observations on migratory Turkey Vultures and Lesser Yellow-headed Vultures in northern Colombia. *Auk*, 99:372-375.
- Köster, F. 1971. Zum nistverhalten des ani, *Crotophaga ani*. *Bonn. Zool. Beitr.*, 22:4-7.
- _____. 1976. Über die Höhenanpassung von *Crotophaga ani* und *Tyrannus melancholicus* in den Anden Kolumbiens. *Journ. für Ornith.*, 117:75-99.
- Köster, F., and H. Stoewesand. 1973. Schildläuse als Honigtaulieferanten für Kolibris und Insekten. *Bonn. Zool. Beitr.*, 24:15-23.

- Köster, F., and H. Köster-Stoewesand. 1978. Königsgeier. Beobachtungen im Tayrona-Nationalpark im Norden Kolumbiens, Südamerika. Zeitschr. Kölner Zoo, **21**:35-41.
- _____. 1981. Zur Brutbiologie des Rabengeiers, *Coragyps atratus* (Bechstein, 1793), in Nordkolumbien, Südamerika. Bonn. Zool. Beitr., **32**:271-282.
- Kraemer, M., and U. Schmitt. 1991. Zur Ökologie hochandiner Kolibris. Trochilus, **12**:75-110.
- Kyschakevych, R. Y. 1973. El Guacharo, *Steatornis caripensis* del parque nacional "Cueva de los Guacharos"--Huila, Colombia. Biblioteca INDERENA, Bogotá, 38 pp. [Not seen.]
- Lafresnaye, F. 1847. Quelques oiseaux nouveaux ou rares rapportés par M. Delattre de Bolivia, de la Nouvelle-Granade, et de Panama. Rev. Zool. [Paris], **10**:67-79.
- Lamar, W. W. 1983. Unusual bathing behavior of the Fork-tailed Flycatcher in Colombia. Wilson Bull., **95**:488-489.
- Lancaster, D. A. 1970. Breeding behavior of the Cattle Egret in Colombia. Living Bird, **9**:167-194.
- Lehmann V., F. C. 1940. Contribución al estudio y conocimiento de las aves rapaces de Colombia. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., **3**:455-461.
- _____. 1943a. El genero *Morphnus*. Caldasia, **2**:165-179.
- _____. 1943b. Una interesante adición a las rapaces de Colombia. Caldasia, **2**:181-183.
- _____. 1943c. Notas sobre algunas raras accipitridas y falconidas de Colombia. Caldasia, **2**:185-190.
- _____. 1944a. Distribución de *Cathartes urubitinga* en Colombia. Rev. Univ. Cauca, no. 3, pp. 187-190.
- _____. 1944b. Nuevas adiciones a las aves de Colombia. Caldasia, **2**:407-410.
- _____. 1944c. Notas sobre rapaces Colombianas. Caldasia, **2**:411-416.

- _____. 1944d. Hallazgo de *Micrastur plumbeus* en Colombia. *Caldasia*, **3**:225-228.
- _____. 1945. Rapaces Colombianas. Subfamilia Buteoninae. *Rev. Univ. Cauca*, no. 6, pp. 81-124.
- _____. 1946. Two new birds from the Andes of Colombia. *Auk*, **63**:218-223.
- _____. 1957. Contribuciones al estudio de la fauna de Colombia XII. *Noved. Colombianas*, no. 3, pp. 101-156.
- _____. 1959a. Notas generales. *Noved. Colombianas*, **1**:223-226.
- _____. 1959b. Observations of the Cattle Egret in Colombia. *Condor*, **61**:265-269.
- _____. 1959c. Contribuciones al estudio de la fauna de Colombia XIV. Nuevas observaciones sobre *Oroaetus isidori* (Des Murs). *Noved. Colombianas*, **1**:169-195.
- _____. 1960a. Contribuciones al estudio de la fauna de Colombia XV. *Noved. Colombianas*, **1**:256-276.
- _____. 1960b. Hallazgo de una colonia de *Ardea cocoi* Linneo, en El Valle del Cauca. *Noved. Colombianas*, **1**:276-279.
- _____. 1961. Notas generales. *Noved. Colombianas*, **1**:523-526.
- Lehmann V., F. C., and J. Haffer. 1960. Notas sobre *Buteo albigula* Philippi. *Noved. Colombianas*, **1**:242-255.
- Lehmann V., [F.] C., J. R. Silliman, and E. Eisenmann. 1977. Rediscovery of the Crescent-faced Antpitta in Colombia. *Condor*, **79**:387-388.
- Lemke, T. O. 1977. Copulation observed in Maroon-tailed Parakeets in Meta, Colombia. *Auk*, **94**:773.
- _____. 1979. Fruit-eating behavior of Swallow-tailed Kites (*Elanoides forficatus*) in Colombia. *Condor*, **81**:207-208.
- Lemke, T. O., and P. E. Gertler. 1979. Recent observations on the birds of the Sierra de La Macarena, Colombia. *Condor*, **80**(1978):453-455.

- Leutfeld, M., E. Nadachowski, and K.-L. Schuchmann. 1992. Bestandserfassung und Verteilungsmuster regenwald-bewohnender Vogelarten, ein Standortvergleich in Südwest-Kolumbien. *Trop. Vögel*, **13**:107-142.
- Lieberman, A., J. V. Rodríguez, J. M. Paez, and J. Wiley. 1993. The reintroduction of the Andean Condor into Colombia, South America: 1989-1991. *Oryx*, **27**:83-90.
- Loddiges, G. 1832. [Several humming birds from Popayán]. *Proc. Zool. Soc. London*, 1832:6-7.
- Londoño, J. F., D. J. Elías, D. Valencia, and P. P. Woronecki. 1972. Informe preliminar sobre la incidencia de la torcaza naguiblanca (*Zenaida auriculata*) y su relación con problemas de daño a algunos cultivos en el Valle del Cauca, Colombia. *Inst. Colomb. Agripecuario. Regional No. 5*. [Not seen.]
- Mack, A. L., and C. D. Fisher. 1988. Notes on birds from the llanos of Meta, Colombia. *Gerfaut*, **78**:397-408.
- Madrigal C., A. 1977. Reconocimiento preliminar de aves predatoras de insectos en plantaciones de ciprés y estudio de sus contenidos estomacales. *Bol. Ciencias de la Tierra, Univ. Nac., Medellín*, no. 2, 33 pp.
- Madrigal C., A., and M. A. Serna D. 1978. Estudio comparativo de poblaciones de aves en plantaciones homogéneas y bosques secundarios. *Actualidades. Biol.*, Medellín, **7**:55-74.
- Maltby, H. T. 1958. Banded Mourning Dove recovered in South America. *Bird-Banding*, **29**:42-43.
- Marín A., M., and F. G. Stiles. 1993. Notes on the biology of the Spot-fronted Swift. *Condor*, **95**:479-483.
- Marín N., C. A. 1992. La naturaleza se defiende. *Bol. SAO*, **3** [no. 5]:34-36.
- _____. 1994. Resultado del conteo anual de aves en Medellín. *Bol. SAO*, **5** [no. 10]:50-58.
- _____. 1996. Resultado del conteo anual de aves en Medellín. *Bol. SAO*, **7** [nos. 12-13]:76-80.

- Marinkelle, C. J. 1970. Birds of the Serranía de Macuira, Guajira Peninsula, Colombia. Mitt. Inst. Colombo-Alemán Investig. Cient., 4:15-34.
- Martin, T. E. 1984. Impact of livestock grazing on birds of a Colombian cloud forest. Tropical Ecol., 25:158-171.
- Martínez S., C. E. and L. E. Umbacía C. 1984. Archivo, catálogo y descripción de aves Passeriformes (II) del Museo de La Salle. Museo de Cienc. Nat. La Salle, Bogotá. [Not seen.]
- Martínez, M. L. 1981. El ave del mes; el Pelicano Pardo (*Pelecanus occidentalis*). Rupicola, 1(5):2-3.
- Mateus P., C. L. and G. Oviedo P. 1984. Archivo, catálogo y descripción de aves Passeriformes (I) del Museo de La Salle. Museo de Cienc. Nat. La Salle, Bogotá. [Not seen.]
- McKay, W. D. 1980a. Nest and young of the Highland Tinamou in southern Colombia. Condor, 82:107.
- _____. 1980b. The influence of agriculture on avian communities near Villavicencio, Colombia. Wilson Bull., 92:381-389.
- _____. 1981. Notes on Purple Gallinules in Colombian ricefields. Wilson Bull., 93:267-271.
- Meeth, P., and K. Meeth. 1979a. Note on birds seen in the estuary of the Río Magdalena, Barranquilla, Colombia. Ardea, 66(1978):118-120.
- _____. 1979b. Zone-tailed Hawks *Buteo albonotatus* in Colombia. Ardea, 66(1978):121.
- Mejía, C. 1986. Fauna Colombiana. 144 pp. Editorial La Rosa, Ltda. [Not seen.]
- Mejía, M., J. F. Villaseñor, and F. Méndez. 1993. Afinida avifaunística entre dos valles intermontaños de Norte y Sudamerica. Bol. Soc. Zool. Uruguay, ser. 2, 8:218-238.
- Mejía A., M. A. 1983. Densidad y abundancia relativa de avifauna en tres franjas altitudinales de la Cordillera Central de Colombia y determinación de la actividad diurna en la franja tropical. Bol. Dpto. Biol. Fac. Cinec. Univ. Nac. Colombia, 1(5): 1-10.

- Mesa, A. 1990. Aves migratorias en el Valle de Aburra. Bol. SAO, 1 [no. 1]:37-39.
- Miller, A. H. 1947. The tropical avifauna of the upper Magdalena Valley, Colombia. Auk, 64:351-381.
- _____. 1952a. Supplementary data on the tropical avifauna of the arid upper Magdalena Valley of Colombia. Auk, 69:450-457.
- _____. 1952b. Two new races of birds from the upper Magdalena Valley Colombia. Proc. Biol. Soc. Washington, 65:13-20.
- _____. 1955. Breeding cycles in a constant equatorial environment in Colombia, South America. Proc. 11th Intern. Ornith. Congr., Basel, 1954:495-503.
- _____. 1958. Reproductive periods of birds near the Equator. Caldasia, 8:295-300.
- _____. 1960. Additional data on the distribution of some Colombian birds. Noved. Colombianas, 1:235-237.
- _____. 1963. Seasonal activity and ecology of the avifauna of an American equatorial cloud forest. Univ. California Publ. Zool., 66:1-78.
- Miller, A. H., and V. D. Miller. 1968. The behavioral ecology and breeding biology of the Andean Sparrow *Zonotrichia capensis*. Caldasia, 10:83-154.
- Morales Sanchez, J. E. 1979. Primer registro para Colombia de *Turdus lawrencii* Coues (Aves: Turdidae). Lozania (Acta Zool. Colombiana), no. 29, pp. 2-4.
- _____. 1988. Primeros hallazgos de *Pteroglossus aracari* (Linnaeus, 1758) (Aves: Ramphastidae) en Colombia. Trianea (Act. Cient. Tech.INDERENA), 2:501-504.
- Munves, J. 1975. Birds of a highland clearing in Cundinamarca, Colombia. Auk, 92:307-321.
- Murcia, C. 1981a. Actividades de la SVO. Rupicola, 1(1):3.
- _____. 1981b. Las Islas del Rosario. Rupicola, 1(3):3-4.

- _____. 1982. El ave del mes; el Piquero Café (*Sula leucogaster*). *Rupicola*, 2(9):2-3.
- _____. 1985. El ave del mes; *Haplophaedia aureliae*.. *Rupicola*, 5(7-8):10-12.
- Murcia, C., and G. Kattan. 1984. Notas sobre los hábitos alimenticios del Halcón Común, *Falco sparverius*. *Actual. Biol.*, 13(48):48-50.
- Murgueitio R., E. 1983a. La Soledad de Montaña. *Rupicola*, 3(5):3-5.
- _____. 1983b. El Pato de los Torrentes. *Rupicola*, 3(6):2-4.
- Murphy, R. C. 1936. *Oceanic Birds of South America*. Vol. 1. Amer. Mus. Nat. Hist., New York, 640 pp.
- _____. 1944. Beyond the continental shelf. *Nat. Hist. [New York]*, 53: 303-309.
- Naranjo H., L. G. 1979. Primer registro de *Charadrius wilsonia wilsonia* Ord para Colombia. *Lozania (Acta Zool. Colombiana)*, no. 30, pp. 6-7.
- _____. 1979-1980. Guía para identificar las aves marinas colombianas. Part 1, Caribe. Parte 2, Pacífica. Museo del Mar (Univ. Jorge Tadeo Lozano, Bogotá), Informes 25 & 26. [Not seen.]
- _____. 1981a. Adiciones a la avifauna del Parque Nacional Natural "Isla Salamanca" (Magdalena). *Bol. Mus. Mar. [Bogotá]*, no.10, pp. 54-62.
- _____. 1981b. Alerto sobre nuevo registro. *Rupicola*, 1(1):3-4.
- _____. 1981c. El ave del mes; el Gallo de Roca Andino (*Rupicola peruviana*). *Rupicola*, 1(1):4.
- _____. 1981d. El ave del mes; el Cira o Zambullidor Andino (*Podiceps andinus*). *Rupicola*, 1(2):3.
- _____. 1981e. Historia de la ornitología en Colombia. Parte 1: Epoca precolombina. *Rupicola*, 1(2):4-5.
- _____. 1981f. Historia de la ornitología en Colombia. Parte 2. La conquista. *Rupicola*, 1(4):3-4.

- _____. 1982a. Notas adicionales a la historia natural de *Coccyzus pumilus* (Aves: Cuculidae). *Cespedesia*, **11**:95-102.
- _____. 1982b. El ave del mes; el Bichojue (*Pitangus sulphuratus*). *Rupicola*, **2**(2):2-3.
- _____. 1982c. Historia de la ornitología en Colombia. Parte 3: La colonia, el *Systema Naturae* y la expedición botánica (Siglos XVI-XIX). *Rupicola*, **2**(1):5-6.
- _____. 1982d. El ave del mes; el Gallinazo (*Coragyps atratus*). *Rupicola*, **2**(5):3-4.
- _____. 1983a. El Falaropo Norteño, *Lobipes lobatus* (Aves: Phalaropodidae), en Colombia. *Lozania* (Acta Zool. Colombiana), no. 43, 6 pp.
- _____. 1983b. Estado actual de la avifauna acuática no marina en Colombia. *Rupicola*, **3**(6):8.
- _____. 1986. Aspects of the biology of the Horned Screamer in southwestern Colombia. *Wilson Bull.*, **98**:243-256.
- _____. 1991a. Confirmación de la presencia de *Limnodromus scolopaceus* (Aves: Scolopacidae [sic]) en Colombia. *Trianea* (Act. Cient. Tecn.INDERENA), **4**:559-561.
- _____. 1991b. Nest, eggs, and young of the Blackish Rail. *Ornith. Neotrop.*, **2**:47-48.
- _____. 1991c. Notes on reproduction of the Southern Lapwing in Colombia. *Ornith. Neotrop.*, **2**:95-96.
- _____. 1992. Estructura de la avifauna en un área ganadera en el Valle del Cauca, Colombia. *Caldasia*, **18**:55-65.
- _____. 1993. Resultados de los censos, pp. 29-32. In Blanco, D. E. and P. Canevari, Censo neotropical de aves acuáticas 1992. Humedales para las Américas (W A), Buenos Aires.
- _____. 1995. Patrones de reproducción en dos poblaciones aisladas de *Agelaius icterocephalus* (Aves: Icteridae). *Caldasia*, **18**:89-100.

- Naranjo H., L. G., J. W. Beltrán, R. F., L. Pelaez, and A. Sanchez. 1987. Notas preliminares sobre aves de la Bahía de Buenaventura. Bol. Ecotrópica, no. 17, pp. 25-39.
- Naranjo H., L. G., and R. Franke. 1995. Registros inusuales de gaviotas para el occidente Colombiano. Bol. SAO, 6 [no. 11]:13-15.
- Naranjo H., L. G., R. Franke, and W. Beltrán. 1994. Migration and wintering of Western Sandpipers on the Pacific coast of Colombia. Journ. Field Ornith., 65:194-200.
- Naranjo H., L. G., C. C. Rivera, and J. H. Restrepo. 1983. El ave del mes; el Jamuco (*Anhima cornuta*). Rupicola, 3(2):2-5.
- Naranjo H., L. G., and F. Rodríguez. 1981. Sobre la presencia de *Sarkidiornis melanotos* y *Gampsonyx swainsoni* (Aves:Anatidae, Accipitridae) en el Valle del Cauca. Cespedesia, 10:213-221.
- Negret, A. J. 1991. Reportes recientes en el Parque Nacional Munchique de aves consideradas raras o amenazadas de extinción. Nov. Colombianas, new ser., no. 3, pp. 39-45.
- _____. 1992. La avifauna del Valle del Patia. Nov. Colombianas, new ser., no. 5, pp. 45-63.
- _____. 1994a. Lista de aves registradas en el Parque Nacional de Munchique, Cauca. Noved. Colombianas, new ser., no. 6, pp. 69-83.
- _____. 1994b. Nota sobre la nidificación de la Garcita del Ganado (*Bulbucus ibis ibis*) (Linneo) en la planicie de Popayán. Noved. Colombianas, new ser., no. 6, pp. 105-108.
- _____. 1994c. Nota sobre un dormitorio de aves de San José de Guaviare, Guaviare. Noved. Colombianas, new ser., no. 6, pp. 109-111.
- _____. 1994d. Nota sobre los chorlitos migratorios en los alrededores de Popayán. Bol. SAO, 5 [no. 10]:8-10.
- _____. 1995. El Vencejo Negro (*Cypseloides niger*) una nueva adición a la avifauna Colombiana. Caldasia, 18:145-146.
- _____. 1997a. Notas sobre la avifauna del suroccidente Colombiano. Noved. Colombianas, new ser., no. 7, pp. 45-50.

- _____. 1997b. Nota sobre un dormitorio de aves en límites entre Colombia y Venezuela. *Noved. Colombianas, new ser.*, no. 7, pp. 86-87.
- _____. 1997c. Adiciones a la avifauna del Parque Nacional Natural Munchique, Cauca. *Noved. Colombianas, new ser.*, no. 7, p. 88.
- Negret, A. J., and C. I. Acevedo. 1990. Reportes recientes de *Leptosittaca branickii*, ave Colombiana amenazada de extinción. *Noved. Colombianas, new ser.*, 2:70-71.
- Nicéforo María, Hermano. 1923a. Los Charadriiformes del Museo del Instituto de La Salle. *Bol. Soc. Colombiana Cienc. Nat. Bogotá*, 11:321-339.
- _____. 1923b. Los Troquilidos del Museo del Instituto de La Salle. *Bol. Soc. Colombiana Cienc. Nat. Bogotá*, 12:245-254, 284-296.
- _____. 1940. Los Troquilidos del Museo de La Salle. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, 3:314-322.
- _____. 1945. Notas sobre aves de Colombia, I. *Caldasia*, 3:367-395.
- _____. 1947. Notas sobre aves de Colombia, II. *Caldasia*, 4:317-377.
- _____. 1948. Notas sobre aves de Colombia, III. *Caldasia*, 5:201-210.
- _____. 1955a. Notas sobre aves de Colombia, IV. *Caldasia*, 7:173-175.
- _____. 1955b. Una cracida nueva para la avifauna Colombiana. *Caldasia*, 7:177-184.
- _____. 1967. Fauna parcial y algunos fósiles de la región de Pamplona. *El Aguilucho [Colegio Provincial, Pamplona, Norte de Santander]*, no. 44, pp. 1-6 [Aves].
- Nicéforo María, Hermano, and A. Olivares. 1964. Adiciones a la avifauna Colombia, I. *Bol. Inst. La Salle*, no. 204, pp. 5-27.
- _____. 1965. Adiciones a la avifauna Colombiana, II (Cracidae-Rhynchopidae). *Bol. Soc. Venezolana Cienc. Nat.*, 26:36-58.
- _____. 1966. Adiciones a la avifauna Colombiana, III (Columbidae-Caprimulgidae). *Bol. Soc. Venezolana Cienc. Nat.*, 26:370-393.

- _____. 1967. Adiciones a la avifauna Colombiana, IV (Apodidae-Picidae). Hornero, 10:403-435.
- _____. 1968. Adiciones a la avifauna Colombiana, V (Dendrocalaptidae [sic]-Cotingidae). Bol. Inst. La Salle, no. 208, pp. 271-291.
- _____. 1975. Adiciones a la avifauna Colombiana, VI (Tyrannidae-Bombicillidae [sic]). Entrega A. Lozania (Acta Zool. Colombiana), no. 19, pp. 1-16.
- _____. 1976a. Adiciones a la avifauna Colombiana, VI (Tyrannidae-Bombicillidae [sic]). Entrega B. Lozania (Acta Zool. Colombiana), no. 20, pp. 19-34.
- _____. 1976b. Adiciones a la avifauna Colombiana, VI (Tyrannidae-Bombicillidae [sic]). Entrega C. Lozania (Acta Zool. Colombiana), no. 21, pp. 1-15.
- Norton, W. J. E. 1975. Notes on the birds of the Sierra Nevada de Santa Marta, Colombia. Bull. Brit. Ornith. Club, 95:109-115.
- Oberholser, H. C. 1902. Catalogue of a collection of hummingbirds from Ecuador and Colombia. Proc. U. S. Nat. Mus., 24:309-342.
- Olarte, L. G. 1994. El vuelo de Njkago. Bol. SAO, 5 [no. 9]:4-7.
- Olivares, A. 19--?a. Colombia y las migraciones de las aves. Bol. Soc. Geogr. Colombia, vol. ?:169-176.
- _____. 19--?b. Las Palomas. Inst. Cienc. Nat., Univ. Nac. Colombia, [7 pp.].
- _____. 19--?c. Estudio sobre los ordenes Colymbiformes, Procellariiformes y Pelecaniformes en las familias Phaethontidae, Sulidae, y Fregatidae. Separata de Ecclesiastica Xaveriana, 46 pp.
- _____. 19--?d. El genero *Harpia* Vieillot. La Harpía. Ornitología, Univ. Nac. Colombia, vol. ?:78-81.
- _____. 1953. Dos aves pescadoras. Univ. Antioquia, no. 112, pp. 717-724.
- _____. 1955a. Algunas aves de la comisaría del Vaupés (Colombia). Caldasia, 7:259-275.

- _____. 1955b. El Pelicano. Ornitológia, Univ. Nac. Colombia, vol. ? [5 pp.].
[Not seen.]
- _____. 1957a. Aves de la costa del Pacífico municipio de Guapí, Cauca, Colombia, I. Caldasia, 7:359-381.
- _____. 1957b. Aves de la costa del Pacífico municipio de Guapí, Cauca, Colombia, II. Caldasia, 8:33-93.
- _____. 1957c. Algunas aves del valle del alto Magdalena, Colombia. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., 10:115-121.
- _____. 1958a. Aves de la costa del Pacífico municipio de Guapí, Cauca, Colombia, III. Caldasia, 8:217-251.
- _____. 1958b. Monografía de los tinamúes Colombianos. Rev. Univ. Nac. Colombia, no. 23, pp. 245-304.
- _____. 1959a. Aves migratorias en Colombia. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., 10:371-442.
- _____. 1959b. Cinco aves que aparentemente no habían sido registradas en Colombia. Lozania (Acta Zool. Colombiana), no. 12, pp. 51-56.
- _____. 1960. Algunas aves de Gaitania (municipio de Ataco, Tolima, Colombia). Caldasia, 8:369-382.
- _____. 1962. Aves de la región sur de la Sierra de la Macarena, Meta, Colombia. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., 11:305-345.
- _____. 1963a. Notas sobre aves de los Andes Orientales en Boyacá. Bol. Soc. Venezolana Cienc. Nat., 25:91-125.
- _____. 1963b. ¿Se está extinguiendo el Cóndor en Colombia? Monografía del Cóndor. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., 12:21-28.
- _____. 1964a. Adiciones a las aves de la comisaría del Vaupés (Colombia), I. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., 12:163-173.
- _____. 1964b. Adiciones a las aves de la comisaría del Vaupés (Colombia), II. Caldasia, 9:151-184.

- _____. 1965a. Monografía del Rey de los Gallinazos. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., **12**:261-267.
- _____. 1965b. Avifauna colombiensis notulae. No. 1. Dos aves nuevas para Colombia. Hornero, **10**:273-275.
- _____. 1965c. Una nueva subespecie de *Todirostrum latirostre* de la comisaría del Vaupés (Colombia). Caldasia, **9**:269-271.
- _____. 1966a. Algunas aves de Puerto Asís, comisaría del Putumayo, Colombia. Caldasia, **9**:379-393.
- _____. 1966b. Introducción a la historia de la ornitología Colombiana. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., **12**:367-375.
- _____. 1967. Avifaunae Colombiensis. Notulae II. Seis nuevas aves para Colombia y apuntes sobre sesenta especies y subespecies registradas anteriormente. Caldasia, **10**:39-58.
- _____. 1969a. Aves de las comisarías del Vichada y Guainía, Colombia, coleccionadas por el Dr. C. J. Marinkelle. Bol. Soc. Venezolana Cienc. Nat., **28**:179-200.
- _____. 1969b. Aves de Cundinamarca. Univ. Nac. Colombia, Bogotá, 425 pp.
- _____. 1970a. Effects of the environmental changes on the avifauna of the Republic of Colombia. Smiths. Contrib. Zool., **26**:77-87.
- _____. 1970b. Los Tinamúes. Bol. Inst. La Salle, no. 210, [10 pp.].
- _____. 1970c. Lista de las aves de la Amazonia Colombiana. In J. M. Idrobo, II. Simposio y Foro de Biología Tropical Amazónica, pp. 312-353.
- _____. 1971. Aves de la ladera oriental de los Andes Orientales, alto Río Cusiana, Boyacá, Colombia. Caldasia, **11**:203-226.
- _____. 1973. Las Ciconiiformes Colombianas. Proyer, Bogotá, 303 pp.
- _____. 1974a. Aves de la Orinoquia Colombiana. Inst. Cienc. Nat., Ornitología, Univ. Nac. Colombia, 127 pp.

- _____. 1974b. Aves de la Sierra Nevada del Cocuy, Colombia. *Rev. Acad. Colombiana Cienc. Físicas y Nov.*, no. 54, pp. 39-48.
- Olivares, A., and J. Hernández C. 1961. Dos nuevas garzas para Colombia. *Noved. Colombianas*, 1:424-426.
- _____. 1962. Aves de la comisaría del Vaupés (Colombia). *Rev. Biol. Trop.*, Univ. Costa Rica, 10:61-90.
- Olivares, A., and J. A. Munves. 1973. Predatory behavior of Smooth-billed Ani. *Auk*, 90:891.
- Olivares, A., and H. Romero Z. 1973. Notas sobre la colección ornitológica del departamento de biología de la Universidad Industrial de Santander, Bucaramanga, Colombia, I. *Investig. Univ. Industr. Santander*, 5:43-71.
- Olson, S. L. 1973. A study of the neotropical rail *Anurolimnas castaneiceps* (Aves: Rallidae) with a description of a new subspecies. *Proc. Biol. Soc. Washington*, 86:403-412.
- _____. 1980. Revision of the Tawny-faced Antwren, *Microbates cinereiventris* (Aves: Passeriformes). *Proc. Biol. Soc. Washington*, 93:68-74.
- _____. 1981. Short communications: interaction between the two subspecies groups of the Seed-finch *Sporophila angolensis* in the Magdalena Valley, Colombia. *Auk*, 98:379-381.
- _____. 1983a. Geographic variation in *Chlorospingus ophthalmicus* in Colombia and Venezuela (Aves: Thraupidae). *Proc. Biol. Soc. Washington*, 96:103-109.
- _____. 1983b. A hybrid between the orioles *Icterus chrysater* and *I. mesomelas*. *Auk*, 100:733-735.
- Oniki, Y., and E. O. Willis. 1991. Morphometrics, molt, cloacal temperatures and ectoparasites in Colombian birds. *Caldasia*, 16:519-524.
- Orejuela G., J. E. 1979. Estructura de la comunidad aviaria en un Guadual (*Bambusa guadua*) en el municipio de Jamundí, Valle, Colombia. *Cespedesia*, 8:43-58.

- _____. 1985a. Tropical forest birds of Colombia: a survey of problems and a plan for their conservation, pp 95-114. *In* Conservation of Tropical Forest Birds, ICBP Tech. Publ. no. 4.
- _____. 1985b. Loras Colombianas en peligro de extinción. *Rupicola*, **5**(7-8):1-4.
- _____. 1987. Conservation of endemic birds of the department of Nariño, Colombia, pp. 469-498 *In* Anon., Proc. Jean Delacour/IFCB Symposium on Breeding Birds in Captivity.
- Orejuela G., J. E., and G. Cantillo F. 1982. Estructura de las comunidades aviarias en tres areas seleccionadas como posibles refugios ecológicos en el Departamento del Valle del Cauca. *Cespedesia*, **11**:121-140.
- Orejuela G., J. E., G. Cantillo F., and M. S. Alberico. 1983a. Estudio de dos comunidades de aves y mamíferos en Nariño, Colombia. *Cespedesia*, **11**(1982), suppl. 3, pp 41-67.
- _____. 1983b. Observaciones del comportamiento reproductivo de saltarin *Alcotopterus deliciosus* (familia Pipridae, Aves) en Nariño, Colombia. *Cespedesia*, **11**(1982), suppl. 3, pp 69-79. [Not seen.]
- Orejuela G., J. E., G. Cantillo F., J. E. Morales, and H. Romero. 1982. Estudio de la comunidad aviaria en una pequeña isla de habitat de bosque premonante húmedo cerca a Argelia, Valle, Colombia. *Cespedesia*, **11**:103-119.
- Orejuela G., J. E., R. J. Raitt, and H. Alvarez-López. 1979. Relaciones ecológicas de las aves en la reserva forestal de Yotoco, Valle del Cauca. *Cespedesia*, **8**:7-28.
- _____. 1980. Differential use by North American migrants of three types of Colombian forests, pp. 253-264. *In* A. Keast and E. S. Morton, Migrant Birds in the Neotropics: Ecology, Behavior, Distribution, and Conservation. Smithsonian Inst. Press.
- Orejuela G., F. E., R. J. Raitt, H. Alvarez-López, C. Benalcázar, and E. Silva de Benalcázar. 1979. Poblaciones de aves en un bosque relictual en el valle del Río Cauca, cerca a Jamundí, Valle, Colombia. *Cespedesia*, **8**:29-42.
- Orozco S., N. de J., and A. H. Escobar V. 1991. Estudio eco-etológico del garcero "La Cuajada" en Montelíbano, Córdoba. *Bol. SAO*, **2** [no. 3]:5-10.

- Ortiz von Halle, B. 1986. Un oasis para las aves acuáticas del Valle del Cauca. *Rupicola*, **6**(1-2):4-5.
- _____. 1987a. Un museo de aves endémicas en las sabanas de Bogotá. *Rupicola*, **7**(1-2):1-3.
- _____. 1987b. El ave del mes; el Guácharo (*Steatornis caripensis*). *Rupicola*, **7**(5-6):10-12.
- _____. 1990. Adiciones a la avifauna de Colombia de especies arribadas a la Isla Gorgona, Caldasia, **16**:209-214.
- Palmer, T. S. 1918. J. Goudot's explorations in Colombia. *Auk*, **35**:240-241.
- Parkes, K. C. 1959. A new race of *Saltator albicollis* from Venezuela and adjacent Colombia. *Noved. Colombianas*, **1**:200-201.
- _____. 1969. An undescribed subspecies of Hepatic Tanager *Piranga flava* from Colombia. *Bull. Brit. Ornith. Club*, **89**:81-83.
- _____. 1975. Birds of the Sierra Nevada de Santa Marta, Colombia: corrections and clarifications. *Bull. Brit. Ornith. Club*, **95**:173-175.
- _____. 1994. Taxonomic notes on the White-collared Swift (*Streptoprocne zonaris*). *Avocetta*, **17**[1993]:95-100.
- Paulson, D. R., G. H. Orians, and C. F. Leck. 1969. Notes on birds of Isla San Andrés. *Auk*, **86**:755-758.
- Pearman, M. 1993. Some range extensions and five species new to Colombia, with notes on some scarce or little known species. *Bull. Brit. Ornith. Club*, **113**:66-75.
- Peña R., M. 1992. Observaciones ornitológicas breves. *Bol. SAO*, **3** [no. 5]:31.
- Peyre de Fabrègues, F. 1990. Der Helmkolibri (*Oxypogon guerinii*), ein Bewohner de Hochanden. *Trochilus*, **11**:67-70.
- _____. 1991a. *Bolborhynchus ferrugineifrons*, ein endemischer Papagei der Zentralkordillere de kolumbianischen Anden. *Trop. Vögel*, **12**:3-38.

- _____. 1991b. Die Einfarb-Ameisenpitta *Grallaria rufula*. Trop. Vögel, **12**:39-74.
- Phelps, W. H., and W. H. Phelps, Jr. 1955. Five new Venezuelan birds and nine extensions of ranges to Colombia. Proc. Biol. Soc. Washington, **68**:47-58.
- _____. 1956a. Three new birds from Cerro el Teteo, Venezuela, and extensions of ranges to Venezuela and Colombia. Proc. Biol. Soc. Washington, **69**:127-134.
- _____. 1956b. Five new birds from Río Chiquito, Táchira, Venezuela and two extensions of ranges from Colombia. Proc. Biol. Soc. Washington, **69**:157-166.
- Philipson, W. R., C. C. Doncaster, and J. M. Idrobo. 1951. An expedition to the Sierra de La Macarena, Colombia. Geogr. Journ., **117**:188-199.
- Piedrahita U. F. 1991. Comentarios sobre las aves de la vereda "Jonás" en el municipio de Fredonia. Bol. SAO, **2** [no. 3]:16-20.
- _____. 1994. La riqueza avifaunística de Colombia. Bol. SAO, **5** [no. 9]:24-25.
- Pitman, R. L., L. B. Spear, and M. P. Force. 1995. The marine birds of Malpelo Island, Colombia. Colonial Waterbirds, **18**:113-119.
- Porteous, B., and C. Acevedo. 1997. Potentially important populations of Chocó Tinamou *Crypturellus kerriae* and Brown Wood-rail *Aramides wolfi* in Colombia. Cotinga, **6** [1996]:31-32.
- Ralph, C. P., and S. J. Chaplin. 1973. Some birds of Isla Punta Arenas, Pacific coast, Colombia. Condor, **75**:357-359.
- Ramakka, J. M., and V. F. Ranakka. 1979. Eared Dove food habits in southwestern Colombia. Journ. Wildlife Manag., **43**:534-540.
- Ramírez, J. E. 1954. La maravillosa cueva de los Guácharos en el departamento del Huila. Rev. Acad. Colombiana Cienc., **9**:146-152.
- Ramírez G., M. G., and J. C. Arias G. 1994. Actividad reproductiva del Colibrí (*Doryfera ludoviciae*) en la Reserva Natural la Planada. Bol. SAO, **5** [no. 9]:8-12.

- _____. 1995. Características reproductivas del Saltarín *Allocotopus deliciosus* en la Reserva Natural la Planada. Bol. SAO, 6 [no.11]:18-22.
- Remsen, J. V., Jr. 1977a. A third locality in Colombia for the Dusky-chested Flycatcher *Tyrannopsis luteiventris*. Bull. Brit. Ornith. Club, 97:93-94.
- _____. 1977b. Five bird species new to Colombia. Auk, 94:363.
- _____. 1990. Community ecology of neotropical kingfishers. Univ. California. Publ. Zool., 124: xii + 116 pp.
- Remsen, J. V., Jr., and E. S. Hunn. 1979. First records of *Sporophila caerulescens* from Colombia; a probable long distance migrant from southern South America. Bull. Brit. Ornith. Club, 99:24-26.
- Renjifo M., L. M. 1991. Discovery of the Masked Saltator in Colombia, with notes on its ecology and behavior. Wilson Bull., 103:685-690.
- _____. 1994. First records of the Bay-vented Cotinga *Doliornis sclateri* in Colombia. Bull. Brit. Ornith. Club, 114:101-103.
- Renjifo S., S. 1950. Contribuciones a la parasitología Colombiana. Hemoparasitos de aves y otros vertebratos de los Llanos Orientales. Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat., 7:539-547.
- Restrepo, A., and H. Carvajal. 1982. Coccidias en aves silvestres. Actual Biol., 11:115-119.
- Restrepo B., C. 1983. El ave del mes; los Gallitos de Roca. Rupicola, 3(8-12):5-8.
- _____. 1984. El ave del mes; *Pipreola riefferii*. Rupicola, 4(8):6-8.
- _____. 1985. La Reserva Natural de Sonso, una reserva de segunda. Rupicola, 5(5-6):1-4.
- _____. 1987. El ave del mes; *Heliornis fulica*. Rupicola, 7(1-2):7-8.
- Restrepo B., C., and M. L. Mondragón. 1986. El ave del mes; el Compás (*Semnornis ramphastinus*). Rupicola, 6(3-4): 6-12.
- _____. 1988a. Der tukanbartvogel *Semnornis ramphastinus*--eine gefährdete Art. Trochilus, 9:116-117.

- _____. 1988b. El ave del mes; el Terlaque (*Andigena laminirostris*). *Rupicola*, 8(7-8):3, 7-8.
- Restrepo B., C., and H. von Prael. 1987. El ave del mes; Pato Cucharo (*Ajaia ajaja*). *Rupicola*, 7(7-12):11-12.
- Restrepo T., J. H. 1982a. Una serpiente predadora de aves. *Rupicola*, 2(11):3.
- _____. 1982b. El ave del mes; la Iguaza María (*Dendrocygna bicolor*). *Rupicola*, 2(12):2-3.
- Richmond, C. W. 1898. Description of a new species of *Gymnostinops*. *Auk*, 15:326-327.
- Ridgely, R. S. and S. J. C. Gaulin. 1980. The birds of Finca Merenberg, Huila department, Colombia. *Condor*, 82:379-391.
- Ridgway, R. 1908. Diagnoses of some new forms of neotropical birds. *Proc. Biol. Soc. Washington*, 21:191-196.
- Rivera G., C. C. 1983. El Avetorito (*Ixobrychus exilis bogotensis*). *Rupicola*, 3(4):2-3.
- Robinson, W. 1895. A Flying Trip to the Tropics. A Record of an Ornithological Visit to the United States of Colombia, South America, and to the Island of Curaçao, West Indies. Cambridge, 194 pp.
- Rodríguez, F. 1983. El Cocli (*Theristicus caudatus*). *Rupicola*, 3(7):2-4.
- Rodríguez, J. V. 1978. Hallazgo de *Hylocharis eliciae* (Aves-Trochilidae) en Colombia. *Caldasia*, 12:359-361.
- _____. 1980. Notas sobre *Dumetella carolinensis* (Linnaeus) y primer registro de *Hylocichla mustelina* (Gmelin) (Aves: Mimidae y Turdidae) en Colombia. *Lozania* (Acta Zool. Colombiana), no. 31, pp. 7-8.
- _____. 1982. Aves del Parque Nacional Natural Los Katíos. Chocó, Colombia INDERENA, Bogotá, xxvi + 328 pp.
- Rodríguez, P., and D. Narváez. 1978. Panorama de la avifauna Colombiana. Editorial Jeroglífico, Bogotá, [unpaged].

- Romero Z., H. 1977a. Status taxonomico de *Catamenia oreophila* Todd. *Lozania* (Acta Zool. Colombiana), no. 23, 7 pp.
- _____. 1977b. Primer registro de cuatro aves para Colombia. *Lozania* (Acta Zool. Colombiana), no. 25, 3 pp.
- _____. 1978. Primer registro de doce aves para Colombia. *Lozania* (Acta Zool. Colombiana), no. 26, 8 pp.
- _____. 1980. Una nueva subespecie Colombiana de *Campylorhamphus pusillus* (Aves--Dendrocolaptidae). *Lozania* (Acta Zool. Colombiana), no. 31, pp. 1-4.
- _____. 1983. Revisión del status zoogeográfico y redescrición de *Odontophorus strophium* (Gould) (Aves: Phasianidae). *Caldasia*, **13**:777-786.
- Romero Z., H., and J. I. Hernández C. 1979. Una nueva subespecie Colombiana de *Haplophaedia aureliae* (Aves: Trochilidae). *Lozania* (Acta Zool. Colombiana), no. 30, pp. 1-6.
- Romero Z., H., and J. E. Morales S. 1981. Descripción de una nueva subespecie de *Leptotila verreauxi* Bonaparte, 1855 (Aves: Columbidae) del sur-este de Colombia. *Caldasia*, **13**:291-299.
- Romero Z., H., and V. Rodríguez. 1980. Hallazgo de *Oncostoma cinereigulare* (Sclater) (Aves: Tyrannidae) en Colombia. *Lozania* (Acta Zool. Colombiana), no. 31, pp. 5-6.
- Russell, S. M. 1980. Distribution and abundance of North American migrants in lowlands of northern Colombia, pp. 249-252. In A. Keast and E. S. Morton, *Migrant Birds in the Neotropics: Ecology, Behavior, Distribution, and Conservation*. Smithsonian Inst. Press.
- Russell, S. M., J. C. Barlow, and D. W. Lamm. 1979. Status of some birds on Isla San Andres and Isla Providencia, Colombia. *Condor*, **81**:98-100.
- Russell, S. M., and D. W. Lamm. 1978. Species of Formicariidae new to Colombia. *Auk*, **95**:421.
- Rylander, M. K. 1972. Swallow-like behavior in the Rusty-margined Flycatcher, *Myiozetetes cayanensis*, in Colombia. *Wilson Bull.*, **84**:344.

- _____. 1978. Vögel des Grenzgebietes von Kolumbien und Ecuador. Beitr. Vogelkd., Leipzig, **24**:113-115.
- Salaman, P. G. W., and F. G. Stiles. 1996. A distinctive new species of vireo (Passiformes: Vireonidae) from the western Andes of Colombia. *Ibis*, **138**:610-619.
- Salaman, P. G. W. 1995. The rediscovery of Tumaco Seedeater *Sporophila insulata*. *Cotinga*, no. 4, pp. 33-35.
- Salvin, O., and F. D. Godman. 1879. On a collection of birds from the Sierra Nevada of Santa Marta, Columbia [sic]. *Ibis*, 1879:196-206.
- _____. 1880. On the birds of the Sierra Nevada of Santa Marta, Colombia. *Ibis*, 1880:114-125, 169-178.
- Samper K., C. 1992. Courtship feeding in the Orange-breasted Fruit-eater (*Pipreola Jucunda*). *Bull. Brit. Ornith. Club*, **112**:133-134.
- Scheuerman, R. 1975. Bibliografía preliminar de la ornitología colombiana (otras obras de mayor importancia a la avifauna colombiana). Mimeographed, 16 pp.
- _____. 1977. Hallazgos del Paujil *Crax mitu* (Aves: Cracidae) al norte del Río Amazonas y notas sobre su distribución. *Lozania* (Acta Zool. Colombiana), no. 22, pp. 1-8.
- Schmidt-Marloh, D., and K.-L. Schuchmann. 1980. Zur Biologie des Blauen Veilchenohr-Kolibris (*Colibri coruscans*). *Bonner Zool. Beitr.*, **31**:61-77.
- Schuchmann, K.-L. 1978. Notes on the Rufous-capped Thornbill, *Chalcostigma ruficeps*, a new hummingbird species for Colombia. *Bull. Brit. Ornith. Club*, **98**:115-116.
- _____. 1979. Notes on sexual dimorphism and the nest of the Greenish Puffleg *Haplophaedia aureliae caucensis*. *Bull. Brit. Ornith. Club*, **99**:59-60.
- _____. 1987a. The display of the Booted Racket-tailed Hummingbird *Ocreatus underwoodii*, with notes on the systematic position of the genus. *Bull. Brit. Ornith. Club*, **107**:20-22.

- _____. 1987b. First record of the Grey-chinned Hermit (*Phaethornis griseogularis*) west of the Colombian Andes, with notes on the displays of the species. *Wilson Bull.*, **99**:122-124.
- _____. 1989. Brutbiologische Beobachtungen an der Purpurkopffelpe (*Heliothryx barroti*)--Schutz vor Nesträubern. *Trochilus*, **10**:79-112.
- _____. 1990a. Biologie, Haltung and Pflege wenig bekannter Kolibriarten (Trochilidae) -- Teil I. *Trochilus*, **11**:45-51.
- _____. 1990b. Ornithologische Grundlagen-forschung in Kolumbien. *Trochilus*, **11**:135-136.
- _____. 1990c. Reproductive biology of the Purple-crowned Fairy (*Heliothryx barroti*, Trochilidae)--Notes on antipredator behaviour. *Journ. für Ornith.*, **131**:335-337.
- _____. 1992. Neue Beobachtungen am Zahnschnabelkolibri (*Androdon aequatorialis*) in Südwestkolumbien. *Trop. Vögel*, **13**:107-142.
- _____. 1995. Lek-verhalten von *Phaethornis guy* in südwestkolumbien. *Journ. für Ornith.*, **136**:213-217.
- Schuchmann, K.-L., G. Corredor, A. M. Torres, and C. Acevedo. 1989. Beobachtungen am Andenfelsenhahn (*Rupicola peruviana*). *Trochilus*, **10**:24-29.
- Sclater, P. L. 1855a. Descriptions of some new species of birds from Santa Fé di Bogotá. *Proc. Zool. Soc. London*, 1855:109-110.
- _____. 1855b. On the birds received in collections from Santa Fé di Bogotá. *Proc. Zool. Soc. London*, 1855:131-164.
- _____. 1856. On some additional species of birds received in collections from Bogotá. *Proc. Zool. Soc. London*, 1856:25-31.
- _____. 1857. Further additions of the list of birds received in collections from Bogotá. *Proc. Zool. Soc. London*, 1857:15-20.
- _____. 1860. List of birds collected by Mr. Fraser in Ecuador, at Nanegal, Calacali, Perucho, and Puellaro, with notes and descriptions of new species. *Proc. Zool. Soc. London*, 1860:83-97.

- _____. 1864. On two new species of birds from New Granada. Proc. Zool. Soc. London, 1864:166-167.
- _____. 1866. On a new species of the genus *Accipiter* from New Granada. Proc. Zool. Soc. London, 1866:302-304.
- Sclater, P. L., and O. Salvin. 1871. Descriptions of five new species of birds from the United States of Columbia [sic]. Proc. Zool. Soc. London, 1870:840-844.
- _____. 1876. Description of two new species of birds from the state of Antioquia, U. S. C. Proc. Zool. Soc. London, 1875:541-542.
- _____. 1879. On the birds collected by the late Mr. T. K. Salmon in the state of Antioquia, United States of Colombia. Proc. Zool. Soc. London, 1879:486-550.
- Serna D., M. A. 1977. Distribución altitudinal y ecología de dos especies de aves simpátricas: *Turdus ignobilis ignobilis* (Mayo) y *Thraupis episcopus cana* (Azulejo). Actualidades Biologicas, Univ. Antioquia, 6:28-49.
- _____. 1980. Catálogo de aves, Museo de Historia Natural. Mus. Hist. Nat. Col. San José, Medellín, 106 pp.
- _____. 1984. Avifauna parcial de la Guajira. Colegio San José, Mus. Historia Natural, Medellín, Impresos Litográficos. Medellín. 52 pp.
- _____. 1990a. Algunas aves observadas en la ciénaga de Ayapel, Córdoba. Bol. SAO, 1 [no.1]:2-21.
- _____. 1990b. Novedades sobre aves de Medellín. Bol. SAO, 1 [no.1]:37-38.
- _____. 1992a. Notas sobre algunas especies de aves de Colombia, algunas de ellas potencialmente amenazadas. Bol. SAO, 3 [no. 5]:9-23.
- _____. 1992b. El Patito Zambullidor (*Podylimbus podiceps*) en Antioquia. Bol. SAO, 3 [no. 5]:23.
- Serna D., M. A., and A. Madrigal C. 1988. Inventario preliminar de la avifauna de la zona forestal de Monterrubio (Magdalena). Actual. Biol., 17 (64) [1990 ?]:58-98.

- Serna D., M. A., and J. V. Rodríguez-M. 1979. Una nueva parulida registrada por primera vez en Colombia: *Dendroica discolor discolor* (Aves: Parulidae). *Lozania* (Acta Zool. Colombiana), no. 29, pp. 1-2.
- Sibley, C. G. 1958. Hybridization in some Colombian tanagers, avian genus *Ramphocelus*. *Proc. Amer. Phil. Soc.*, **102**:448-453.
- Silverstone S., P. A., and G. Cantillo F. 1981. *Oceanodroma hornbyi* (Aves: Hydrobatidae), un nuevo registro para la avifauna de Colombia y cinco nuevos registros para la Isla Gorgona. *Lozania* (Acta Zool. Colombiana), no. 35, pp. 5-8.
- Simon, E., and Le Comte de Dalmas. 1901. Listes de Trochilidae du Venezuela et de la Colombie occidentale. *Ornis*, **11**:205-224.
- Skutch, A. F. 1994. Nidificación del Trogon Violáceo. *Bol. SAO*, **5** [no. 10]:13-21.
- Snow, B. K. 1980. The nest and territoriality of a female Tyrian Metaltail. *Wilson Bull.*, **92**:508-509.
- Snow, D. W., and B. K. Snow. 1980. Relationships between hummingbirds and flowers in the Andes of Colombia. *Bull. Brit. Mus. Nat. Hist. (Zool.)*, **38**:105-139.
- . 1992. Display of the Golden-winged Manakin *Masius chrysopterus*. *Bull. Brit. Ornith. Club*, **112**:264-270.
- Snow, D. W. 1983. The use of *Espeletia* by páramo hummingbirds in the Eastern Andes of Colombia. *Bull. Brit. Ornith. Club*, **103**:89-94.
- Snyder, N. F. R., and H. W. Kale II. 1983. Mollusk predation by Snail Kites in Colombia. *Auk*, **100**:93-97.
- Southern, W. E., and F. R. Moore. 1974. Range extremes for Ring-billed Gulls from the Great Lakes region. *Inland Bird Banding News*, **46**(3): 83-87.
- Sprunt, A., IV. 1976. A new Colombian site for the American flamingo (*Phoenicopterus ruber*). *Stinapa* (Netherlands Antilles Natl. Parks Foundation.), no. 11, pp. 34-39.
- Stiles, F. G. 1990. Un encuentro con el Mosquerito Antioqueño, *Phylloscartes lanyoni* Graves. *Bol. SAO*, **1** [no. 2]:12-13.

- _____. 1992. A new species of Antpitta (Formicariidae: *Grallaria*) from the eastern Andes of Colombia. *Wilson Bull.*, **104**:389-399.
- _____. 1995a. Distribución y variación en el Ermitaño Carinegro (*Phaethornis anthophilus*) en Colombia. *Caldasia*, **18**:119-129.
- _____. 1995b. Dos nuevas subespecies de aves de la Serranía del Chiribiquete, Departamento del Caquetá, Colombia. *Lozania* (Acta Zoológica Colombiana), no. 66, 16 pp.
- _____. 1996. A new species of Emerald Hummingbird (Trochilidae, *Chlorostilbon*) from the Sierra de Chiribiquete, southeastern Colombia, with a review of the *C. mellisugus* complex. *Wilson Bull.*, **108**:1-27.
- Stiles, F. G., and H. Alvarez-López. 1995. La situación del Tororoi Pechicanela (*Grallaria haplonota*, Formicariidae) en Colombia. *Caldasia*, **17**:607-610.
- Stiles, F. G., A. V. Ayala, and M. Girón. 1992. Polinización de las flores de *Brachyotum* (Melastomataceae) por dos especies de *Diglossa* (Emberizidae). *Caldasia*, **17**:47-54.
- Stiles, F. G., and A. J. Negret. 1994. The nonbreeding distribution of the Black Swift: a clue from Colombia and unresolved problems. *Condor*, **96**:1091-1094.
- Stiles, F. G., and L. Rosseli. 1988. Cuento navideño, sabana de Bogotá. *Rupicola*, **8** (1-2):3-6.
- Stiles, F. G., J. L. Telleria, and M. Díaz. 1995. Observaciones sobre la composición, ecología, y zoogeografía de la avifauna de la Sierra de Chiribiquete, Caquetá, Colombia. *Caldasia*, **17**:481-500.
- Stone, W. 1899. On a collection of birds from the vicinity of Bogotá, with a review of the South American species of *Speotyto* and *Troglodytes*. *Proc. Acad. Nat. Sci. Philadelphia*, 1899:302-313.
- _____. 1917. A new hummingbird from Colombia. *Proc. Acad. Nat. Sci. Philadelphia*, **69**:203-204.
- _____. 1922. A new Burrowing Owl from Colombia. *Auk*, **39**:84.

- Stotz, D. F. 1990. First specimens of *Drymophila devillei* from Colombia. Bull. Brit. Ornith. Club, **110**:37-38.
- Sturm, H., A. Abouchaar, R. de Bernal, and C. de Hoyos. 1970. Distribución de animales en las capas bajas de un bosque húmedo tropical de la región Carare-Opón (Santander, Colombia). *Caldasia*, **10**:529-578.
- Tellería, J. L., and M. Díaz. 1995. Avian nest predation in a large natural gap of the Amazonian rainforest. *Journ. Field Ornith.*, **66**:343-351.
- Thayer, J. E., and O. Bangs. 1905. Vertebrata of Gorgona Island, Colombia. IV. Aves. Bull. Mus. Comp. Zool., Harvard, **46**:91-98.
- Thiollay, J.-M. 1991. Altitudinal distribution and conservation of raptors in southwestern Colombia. *Journ. Raptor Res.*, **25**:1-8.
- Todd, W. E. C. 1917. Preliminary diagnoses of apparently new birds from Colombia and Bolivia. *Proc. Biol. Soc. Washington*, **30**:3-6.
- _____. 1919. Descriptions of apparently new Colombian birds. *Proc. Biol. Soc. Washington*, **32**:113-118.
- _____. 1931. A new mockingbird from Colombia. *Proc. Biol. Soc. Washington*, **44**:45-46.
- _____. 1950. Two apparently new oven-birds from Colombia. *Proc. Biol. Soc. Washington*, **63**:85-88.
- Todd, W. E. C., and M. A. Carriker, Jr. 1922. The birds of the Santa Marta region of Colombia: a study in altitudinal distribution. *Ann. Carnegie Mus.*, **14**, viii + 611 pp.
- Torres B., A. 1968. Observaciones sobre comportamiento y muda en cautiverio de *Falco rufigularis rufigularis*. *Lozania (Acta Zool. Colombiana)*, no. 17, 8 pp.
- _____. 1975. Registro de una nueva especie para la avifauna de Colombia, y algunos datos sobre su comportamiento en cautiverio. *Caldasia*, **11**:151-154.
- _____. 1976. Observaciones sobre comportamiento, muda en cautiverio y posibilidades como ave de cetrería de *Spizastur melanoleucus* (Vieillot). *Lozania (Acta Zool. Colombiana)*, no. 21, pp. 17-32.

- _____. 1983. Observaciones sobre comportamiento de *Zonotrichia capensis* (Aves) particularmente frente a *Falco sparverius*. Lozania (Acta Zool. Colombiana), no. 39, 6 pp.
- _____. 1995. Miscelaneas ornitológicas. Rev. Acad. Colomb. Cienc., 73:439-442.
- Townsend, C. H. 1895. Birds from Cocos and Malpelo Islands, with notes on petrels obtained at sea. Bull. Mus. Comp. Zool., Harvard, 27:121-126.
- Traylor, M. A. 1952. A new race of *Otus ingens* (Salvin) from Colombia. Nat. Hist. Misc. (Chicago), no. 99, 4 pp.
- Troncoso P., F., P. A. J. van der Wolf, and J. A. Ahumada. 1995. The Lilac-tailed Parrotlet (*Touit batavica*), a new record for Colombia. Caldasia, 18:147-148.
- Tye, H. 1995. Ecology and the bird community of regenerating forest habitats in lowland equatorial Colombia. Open University Milton Keynes, 274 pp. [Not seen.]
- Tye, A., and H. Tye. 1990. First description of the nest of the Golden-breasted Puffleg *Eriocnemis mosquera*. Bull. Brit. Ornith. Club, 110:142-143.
- _____. 1992. First description of the eggs and nest of the Golden-winged Sparrow *Arremon schlegeli*. Ornith. Neotrop., 3:71.
- Uribe P., C. 1948. Contribuciones al estudio de la parasitología en Colombia, II. Caldasia, 5:211-219.
- Uribe R., D. 1982. La Laguna del Otún y sus aves. Rupicola, 2(12):4.
- Varty, N., J. Adams, P. Espin, and C. Hambler, eds. 1986. An ornithological survey of Lake Tota, Colombia, 1982. Intern. Council Bird Preservation, Study Rept. 12, 103 pp.
- Velásquez, M. C., 1994. La ruta de Viaje del Tordo Arrocero (*Dolichonyx oryzivorus* [sic]). Bol. SAO, 5 [no. 9]:13-14.
- Velásquez S., M. P. 1992. Avifauna observada en los llanos del Yarí, Colombia. Bol. SAO, 3 [no. 6]:19-25.

- _____. 1994. Variación de la avifauna en un barrio de Medellín. Bol. SAO, **5** [no. 10]:26-27.
- Vélez, I. 1980. Algunos trematodos digeneos de *Sula dactylatra* (Aves) en el norte de Colombia. Actual. Biol. [Medellín], **9**(31):3-11.
- Velosa, R. 1981. El ave del mes; el Gallito de Ciénaga (*Jacana jacana*). Rupicola, **1**(6):2-3.
- Veloza C., R. I. 1994. Ecología y estrategia reproductiva del Gallito de Ciénaga (*Jacana jacana*, Aves, Jacanidae) en el Valle del Cauca. Noved. Colombianas, new ser., no. 6, pp. 84-94.
- von Prahl, H. 1984a. Ave del mes; la Cuaba o Torito (*Querula purpurata*). Rupicola, **4**(9):6-8.
- _____. 1984b. Ave del mes; el Patillo (*Podilymbus podiceps*). Rupicola, **4**(11):6-8.
- _____. 1985. El ave del mes; Pájaro Bobo (*Notharcus pectoralis*). Rupicola, **5**(1-2):9-10.
- _____. 1986. El ave del mes; el Pato Real (*Cairina moschata*). Rupicola, **6**(7-12):14-16.
- von Sneider, K. 1954. Notas sobre algunas aves del Museo de Historia Natural de la Universidad del Cauca, Popayán, Colombia. Noved. Colombianas, no. 1, pp. 3-13.
- _____. 1955. Notas ornitológicas sobre la colección del Museo de Historia Natural de la Universidad del Cauca. Noved. Colombianas, no. 2, pp. 35-44.
- Wallace, G. J. 1956. A Colombian Christmas bird count. Jack-Pine Warbler, **34**:23-26.
- _____. 1958. Notes on North American migrants in Colombia. Auk, **75**:177-182.
- _____. 1965. Studies on neotropical thrushes in Colombia. Publ. Mus. Michigan State Univ., Biol. Ser., **3**:1-47.

- Weber, W. H. 1994a. La vuelta America por etapas del Gavilán de Swainson. Bol. SAO, **5** [no.10]:22-25.
- _____. 1994b. Notas sobre los psitácidos amenazados en Colombia. Bol. SAO, **6** [no. 11]:30-34.
- Wetmore, A. 1941. New forms of birds from México and Colombia. Proc. Biol. Soc. Washington, **54**:203-210.
- _____. 1942. New forms of birds from México and Colombia. Auk, **59**:265-268.
- _____. 1946a. New forms of birds from Panamá and Colombia. Proc. Biol. Soc. Washington, **59**:49-54.
- _____. 1946b. New birds from Colombia. Smiths. Misc. Coll., **106**, no. 16, 14 pp.
- _____. 1949. An additional form of South American Grasshopper Sparrow. Proc. Biol. Soc. Washington, **62**:161-162.
- _____. 1950. Additional forms of birds from the republics of Panamá and Colombia. Proc. Biol. Soc. Washington, **63**:171-174.
- _____. 1951. Additional forms of birds from Colombia and Panamá. Smiths. Misc. Coll., **117**, no. 2, 11 pp.
- _____. 1953. Further additions to the birds of Panamá and Colombia. Smiths. Misc. Coll., **122**, no. 8, 12 pp.
- _____. 1955. Further additions to the avifauna of Colombia. Noved. Colombianas, no. 2, pp. 45-47.
- _____. 1956. Additional forms of birds from Panamá and Colombia. Proc. Biol. Soc. Washington, **69**:123-126.
- _____. 1958. Additional subspecies of birds from Colombia. Proc. Biol. Soc. Washington, **71**:1-4.
- _____. 1963. An early record of the Cattle Egret in Colombia. Auk, **80**:547.
- _____. 1965. Additions to the list of birds of the Republic of Colombia. Oiseau, **35**:156-162.

- _____. 1968. Additions to the list of birds from Colombia. *Wilson Bull.*, **80**:325-326.
- _____. 1970. Descriptions of additional forms of birds from Panamá and Colombia. *Proc. Biol. Soc. Washington*, **82**:767-776.
- Wetmore, A., and J. I. Borrero H. 1946. A new species of duck from central Colombia. *Caldasia*, **4**:67-71.
- _____. 1964. Description of a race of the Double-striped Thick-knee (Aves, family *Burhinidae*) from Colombia. *Auk*, **81**:231-233.
- Wetmore, A., and W. H. Phelps. 1946. Two new wood-hewers of the genus *Dendroplex* from Venezuela and Colombia. *Proc. Biol. Soc. Washington*, **59**:63-66.
- _____. 1951. Observations on the geographic races of the Tinamou *Crypturellus noctivagus* in Venezuela and Colombia. *Bol. Soc. Venezolana Cienc. Nat.*, **13**:115-119.
- _____. 1952. A new form of hummingbird from the Perijá mountains of Venezuela and Colombia. *Proc. Biol. Soc. Washington*, **65**:135-136.
- Wetmore, A., and W. H. Phelps, Jr. 1953. A race of forest-inhabiting finch from the Perijá Mountains of Venezuela and Columbia [sic]. *Proc. Biol. Soc. Washington*, **66**:13-14.
- Willis, E. O. 1966a. Notes on a display and nest of the Club-winged Manakin. *Auk*, **83**:475-476.
- _____. 1966b. Competitive exclusion and birds at fruiting trees in western Colombia. *Auk*, **83**:479-480.
- _____. 1966c. Ecology and behavior of the Crested Ant Tanager. *Condor*, **68**:56-71.
- _____. 1988. Behavioral notes, breeding records, and range extensions for Colombian birds. *Rev. Acad. Colombiana Cienc. Exactas, Físicas Nat.*, **16**:137-150.

- Willis, E. O., and K.-L. Schuchmann. 1993. Comparison of cloud-forest avifaunas in southeastern Brazil and western Colombia. *Ornith. Neotrop.*, **4**:55-63.
- Wyatt, C. W. 1871. Notes on some of the birds of the United States of Columbia [sic]. *Ibis*, 1871:113-131, 319-335, 373-384.
- Zerda O., E. 1992. Guía de Las Aves en El Jardín Botánico "José Celestino Mutis." Colección Francisco José de Caldas, **1**, 154 pp.
- Zimmer, J. T. 1934. Notes on the genus *Xiphorhynchus*. *Amer. Mus. Novit.*, no. 756, 20 pp.
- _____. 1941. A new subspecies of *Arremon schlegeli*. *Proc. Biol. Soc. Washington*, **54**:133-136.
- _____. 1943. The genera *Tersina*, *Chlorophonia*, *Tanagra*, *Tanagrella*, *Chlorochrysa*, and *Pipraeidea*. *Amer. Mus. Novit.*, no. 1225, 24 pp.
- _____. 1944. Two new subspecies of *Catharus aurantiirostris*. *Auk*, **61**:404-408.
- _____. 1945. A chimney swift from Colombia. *Auk*, **62**:145.
- _____. 1946. A new subspecies of tanager from northeastern Colombia. *Journ. Washington Acad. Sci.*, **36**:389-390.
- _____. 1947. A new tyrant flycatcher from Colombia. *Auk*, **64**:453-454.



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